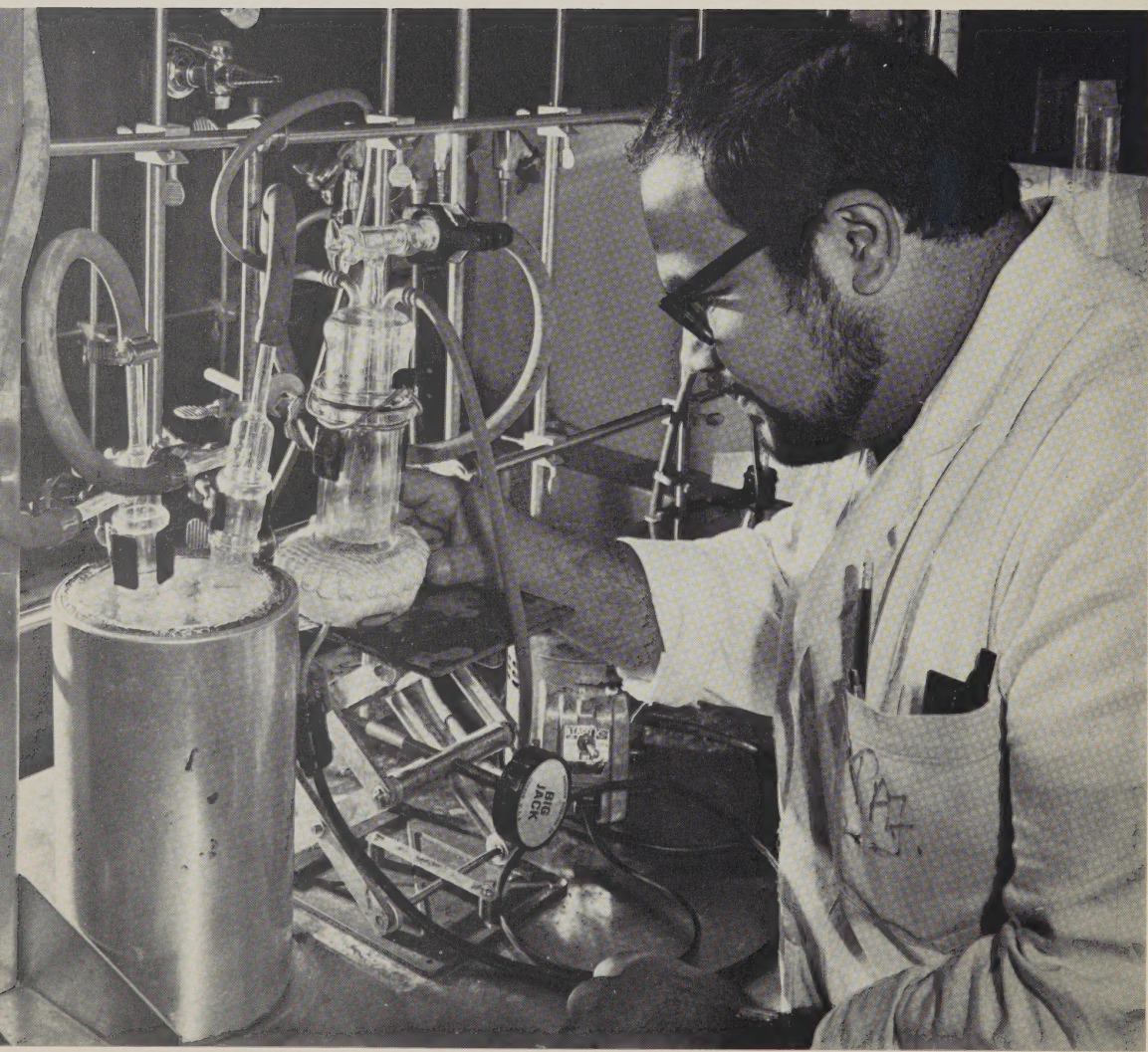


Ontario. Dept. of
University Affairs.
Report 1969/70.





Report of the
Minister of University Affairs
of Ontario 1969-70





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To the Honourable W. Ross Macdonald
Lieutenant Governor
of the Province of Ontario

Your Honour,

It is with pleasure that I present to you the annual report of the Department of University Affairs for 1969-70.

This year's report consists of four major sections:

- a summary of university development in Ontario for the decade 1960-70;
- a brief description of the organization and functions of the various branches of the Department;
- a section providing data on operating revenue and grants for each of the provincially assisted universities and cultural institutions; and
- a series of statistical tables showing comparative data on enrolment, faculty-student ratios, operating and capital support, degrees granted and student awards.

Wherever possible, the tables, both for individual universities and for the Province, include enrolment and grant projections for 1970-71 to supplement the actual totals for the fiscal year ending March 31, 1970.

For your further information I have included the annual report of the Committee on University Affairs.

Respectfully submitted,

William G. Davis

William G. Davis,
Minister of University Affairs.





Past and Present

During the decade 1960-70, full-time university enrolment in Ontario has mushroomed from 28,800 to more than 116,000¹ and faculty numbers also quadrupled from 1,830 to 8,000. The 12 universities of 1960 have increased to 16, with a total of 21 campuses. To provide for the dramatic increases in university enrolment, public support has swollen from a token \$15 million for operating costs in 1960 to \$327 million in 1970². Provincial funding for capital projects has risen from \$12.7 million ten years ago to an annual total of over \$100 million to meet current and projected needs for university buildings and facilities. During the same period, bursaries and scholarships provided by the Province have increased from \$1.2 million to \$36.7 million, not counting an estimated \$32.7 million in student loans for 1969-70. At the same time, the number of post-secondary students receiving assistance and fellowships has climbed from 4,764 in 1960-61 to a projected total expected to exceed 75,000 in the current academic year.

The trends in enrolment, operating and capital expenditures, and student assistance are readily apparent in the graphs at the end of the introductory section of this report.

Ontario universities experienced such rapid expansion only once before in the twentieth century, with the influx of veterans of World War II, hungry for learning. During the five-year period from 1944-45 to 1949-50, enrolment almost doubled from just over 13,000 to 24,000 and universities had to improvise facilities and find extra staff, with some financial assistance from the Federal Government. During the following five years, enrolment dipped to 20,500 and the universities returned to something resembling their previous state. But the idea of attending university became steadily more popular and by 1959-60 it was obvious to anyone who looked at population graphs that universities in Ontario, as in the rest of Canada, faced a sustained period of expansion for which the post-war exercise was merely a rehearsal.

At the request of the Provincial Government's newly established Advisory Committee on University Affairs, a forward looking study of post-secondary education in Ontario was undertaken in 1962 by a distinguished sub-committee of the Ontario university presidents under the chairmanship of Dr. John Deutsch, now Principal of Queen's University. The study clearly recognized the need to plan ahead for the inevitable expansion in higher education that the people of Ontario would both need and demand:

"We realize that, besides the traditional responsibility of universities to preserve, augment, communicate and transmit the manifold cultural heritage of the race, additional social responsibilities have been laid upon them; to fill the needs of the modern state for graduates, especially in those fields where trained intelligence is vital to the welfare and security of society; and to make higher education available to all who are qualified and eager for it, so that they may be knowledgeable, self-reliant citizens of the state and of the world. To reconcile and to discharge these responsibilities under the conditions that are forecast for the remainder of this decade will be a task of the first magnitude for the universities of this Province."³

Among the prescient recommendations of the report, subsequently acted upon, were these:

1. That the provision of well-qualified staff would be the key to development of post-secondary education in Ontario, with a full-time faculty of more than 8,000 required by 1970.
2. That to meet this need for university teachers, a crash program of graduate studies should be initiated, to double graduate enrolment within a few years.
3. That the increasing demand for student places, particularly in Arts and Science, could be met only partly by expansion of facilities at existing universities and that new institutions would be needed in population areas such as the Niagara Peninsula and suburban Toronto; also the Ontario Agricultural College in Guelph might well become a university.
4. That the universities must depend increasingly upon government support to finance their necessary expansion, without prejudice to the traditions of academic freedom and university autonomy.
5. That Ontario universities should work together voluntarily to avoid duplication of professional and specialist programs and to effect economies in such areas as library resources.
6. That the projected demand for people with technological training suggested a minimum need by 1970 for 18,000 places in technological institutes modelled on Ryerson.
7. That if the Department of Education decided to require one or more years of liberal arts for elementary school teachers or to co-ordinate elementary and secondary

² See table 26 for details.

³ Post-Secondary Education in Ontario 1962-70: Report of the Presidents of the Universities of Ontario to the Advisory Committee on University Affairs: University of Toronto Press, (May 1962, Revised January, 1963), page 4.

¹ Including Waterloo Lutheran University (2,750) and Royal Military College (580) but excluding colleges and faculties of education (3,975) and the Ontario Institute for Studies in Education (390). The total, including these programs, would be more than 120,000 for 1970-71.

teacher education, the universities should be prepared to provide the necessary facilities.

8. That the curriculum at the elementary and secondary levels should be overhauled, perhaps through an Institute of Curricular Development, to meld with the changes at the post-secondary level.

In a statement to the Legislature in March, 1963, the Honourable John P. Robarts, Prime Minister of Ontario, noted that the Committee of Presidents foresaw a need for 91,000 undergraduate student places by 1970, but cautioned that the Province should bear in mind that "100,000 by 1970 is a definite possibility".⁴ Mr. Robarts stressed the necessity for forward planning and for increased public support to universities "to meet the needs of our people and our country in the technological age".

The Committee of Presidents endorsed the provincial policy of long-range university support enunciated by Mr. Robarts as "the soundest and most economical way of making university education available to all with the desire and ability to undertake it."⁵ The Committee further recommended the development of Colleges of Technology and Applied Arts to meet the growing needs for technological and adult education, suggested means of alleviating the critical teacher shortage of the early 1960's and observed that "the whole school system would benefit beyond description if, eventually, all the elementary school teachers had a university education."

In the context of the Government's stated policy of providing quality and equality in educational opportunity, the Presidents' recommendations, together with the Report of the Advisory Committee on University Affairs presented in February, 1964⁶ have had a profound effect upon the development of higher education in Ontario. A revamped Committee on University Affairs, expanded to include distinguished academics and experienced representatives of the community-at-large, and assisted by the newly created Department of University Affairs⁷, was able to provide practical guidelines for the dramatic expansion of under-

graduate and graduate facilities. Perhaps the outstanding achievement of the Committee on University Affairs has been the application of formula financing to both operating grants for universities and to provincial funding of capital facilities. The operation of the formula concept based on categories of enrolment is explained in the previous annual reports of the Minister of University Affairs and of the Committee on University Affairs and in summary papers available from the Department.⁸

It is apparent today that the early architects of university development in this province planned and built well and that they were only slightly conservative in their estimates of the growth of post-secondary education. For the current 1970-71 academic year, the enrolment of full-time degree and diploma students in public post-secondary institutions in Ontario totals over 175,000,⁹ of whom two out of three are attending university. The total represents more than one-third of the 18-21 age group, a proportion that has doubled since 1964-65.¹⁰ This trend obviously reflects an increasing demand for education beyond high school. It has been made possible by a planned expansion of post-secondary

⁸ Report of the Minister of University Affairs of Ontario, 1967 and 1968-69.

Report of the Committee on University Affairs, 1967 and 1968-69.

A Formula for Operating Grants to Provincially Assisted Universities. (This paper was prepared by a joint subcommittee of the Committee on University Affairs and of the Committee of Presidents. It is being updated for reprinting).

Interim Capital Formula, a summary prepared by the Architectural Services Branch of the Department of University Affairs.

⁹ This total includes 102,762 undergraduate and 13,386 graduate students enrolled full-time at Ontario universities and their affiliated colleges; 390 post-graduate students at the Ontario Institute for Studies in Education; 3,975 students enrolled full-time in faculties and colleges of education; 6,650 in teachers' colleges; 10,800 in schools of nursing other than university; 30,070 full-time day students at colleges of applied arts and technology; 6,350 students at Ryerson Polytechnical Institute; 1,050 at the Ontario College of Art; and approximately 500 in colleges of agricultural technology. The total does not include 75,000 part-time degree students; 10,000 summer students in education; 15,000 apprenticeship and Manpower students and approximately 50,000 part-time and extension students at the colleges of applied arts and technology and a further 9,000 at Ryerson; 14,400 accountancy students in work-study programs; or students enrolled in private post-secondary institutions of business or technology.

¹⁰ Except for purposes of comparison with previous years, neither the 18-21 age group nor the 18-24 age group can provide more than a rough indication of the proportion of college-age youth enrolled in post-secondary programs in Ontario. The fact that graduate students and some undergraduates are over 21 may be offset by the fact that many of the 48,000 students still in Grade 13 are 18 or 19 years of age. In 1964-65 the full-time post-secondary enrolment of 67,000 represented 18.7% of the 18-21 age group; university enrolment of 47,300 accounted for 13.2%. It is interesting to note that in Britain, 126,000 students, representing 3.7% of the 18-21 age group, were attending university in 1964-65.

⁴ Based on projections prepared by Dr. R. W. B. Jackson, then Director of the Research Branch of the Ontario College of Education.

⁵ The Structure of Post-Secondary Education in Ontario: Supplementary Report No. 1 of the Committee of Presidents of Provincially Assisted Universities and Colleges of Ontario; University of Toronto Press, June, 1963. See also The City College (Supplementary Report No. 2 of the Committee of Presidents, published in 1965) for more detailed recommendations about a province-wide system of "City Colleges" or Colleges of Technology and Applied Arts.

⁶ Now out of print, but available for reference in the Legislative Library and the Library of the Department of University Affairs.

⁷ Established under the terms of Bill 126/1964, An Act to establish the Department of University Affairs.

facilities at a pace perhaps unequalled in the western world. Undoubtedly also, as the statistics on financial assistance to students indicate, the Ontario Student Awards Program has contributed substantially to the rapid growth of the post-secondary population.¹¹

The rate of expansion at the provincially assisted universities is now moderating (17.3% in 1968-69, 14.5% in 1969-70, 12.1% in 1970-71) but increases in absolute numbers of university students can probably be anticipated until after the Grade 13 population levels off in 1979 or 1980. The companion report of the Committee on University Affairs for 1969-70 discusses future trends in graduate, undergraduate and part-time enrolment and provides enrolment projections through 1975-76, and should be of interest to the reader.

November, 1970

Organizing for the Future

The recent period of university development, particularly in Ontario, has been an era of acronyms and committees: CUA and DUA, CPUO and AUCC, OCUFA and CAUT, OUS and CUS, OURA and OUCA and SACU, and, in 1969-70, COPSE.

The development and contributions of the several committees and organizations concerned with university affairs have been spelled out in some detail in specific reports already in print. This section attempts to explain simply the relationship between these various groups and the provincial Government as it has affected the developing system of Ontario universities.

Ontario universities have traditionally enjoyed a large measure of autonomy. Only recently has the Provincial Government become more extensively involved in university development as a consequence of the projected public demand for university places and the need for support from the public treasury to meet building and operating costs. For several decades before the current period of expansion the relatively modest requirements of the provincial universities were of concern only to the Prime Minister's Office in Ontario and/or to the Department of Education. In marked contrast with the keen public interest in universities today, it was in 1957 that the Ontario Legislature had its first recorded vote on higher education in 43 years, on an Opposition motion to establish a student aid fund.¹

Despite the increasing government involvement in university financing, such matters as the hiring of staff, admission requirements, student-staff relationships, academic programs and internal priorities have remained the prerogative of the individual university, although the level of grants provided and increasing inter-university consultation undoubtedly have acted as curbs on the proliferation of new programs.

The principal advisory group formulating recommendations to the Provincial Government concerning appropriate levels of university support has been, since 1964, the extra-governmental Committee on University Affairs, under the chairmanship of Dr. Douglas T. Wright. The two predecessors of the CUA were the smaller Advisory Committee on University Affairs, appointed in 1961, and, prior to that, the University Committee, established in 1958 and comprised chiefly of senior civil servants. Since its initial organization in 1964, the Department of University Affairs

¹¹ For details, see the section on financial assistance to students, the graphs showing dollar and student totals, 1960-70, and Tables 34-38.

¹ From *The Role of the Provincial Government in the Development of Higher Education in Ontario, 1795-1964* (p. 492), an unpublished doctoral thesis by E. E. Stewart, Deputy Minister of University Affairs. A copy of this thesis will be available in the Legislative Library for reference purposes.

has provided a supporting secretariat for the Committee on University Affairs and for its active sub-committees and has administered the programs of university support approved by the Government of Ontario.

At present approximately half the membership of the Committee on University Affairs is drawn from the academic community and the remaining members are broadly representative of business, industry, labour and the community-at-large. Further information on the background, membership and activities of this Committee and of its predecessors is given in the *Report of the Minister of University Affairs of Ontario 1967* and in the annual reports of the Committee on University Affairs for 1967, 1968-89 and 1969-70. Reference copies of these reports are available in most university and public libraries.

To determine its general and specific recommendations to the Government, the Committee on University Affairs depends not only upon special studies but also upon continuing consultation with senior administrators of each Ontario university and upon the advice of the Committee of Presidents of Universities of Ontario (CPUO). The early contribution of the Committee of Presidents to orderly university expansion in the decade 1960-1970 already has been noted. Originally meeting as an ad hoc advisory group, the Committee of Presidents of Provincially Assisted Universities and Colleges of Ontario adopted its present name (CPUO) and began to establish a permanent secretariat in 1966. The extent of university co-operation in Ontario is apparent in the number of CPUO sub-committees and in the scope of the affiliated councils which bring together representatives of all the Ontario universities for consultation and planning. A full account of their activities is given in the successive annual reviews of the Committee of Presidents: *System Emerging* (1966-67), *Collective Autonomy* (1967-68), *Campus and Forum* (1968-69) and *Variations on a Theme* (1969-70). (Copies of these reviews may be obtained from the University of Toronto Bookroom).

The current Chairman of the Committee of Presidents is Dr. D. C. Williams of the University of Western Ontario, succeeding President Davidson Dunton of Carleton University. Dr. John B. Macdonald heads the permanent secretariat as Executive Director of CPUO. A proposal to re-fashion the Committee of Presidents into a Council of Universities of Ontario has been partly implemented through changes in university representation and through extension of CPUO's research facilities.

One of the several inter-university groups affiliated with the Committee of Presidents is the Ontario Universities' Council on Admissions (OUCA). With the co-operation of the

secondary schools, the Council's common application form has made it possible to extend early offers of admission to Grade 13 students with good standing. The rapid exchange of information among universities concerning available places has also done much to increase the efficiency of fall admission procedures. Now generally accepted across Ontario as a basic admission requirement is a minimum average of 60% in seven credits at the Grade 13 level,² as recommended by the Ontario University Registrars' Association (OURA), in consultation with the Admissions Council. As an example not only of inter-university but of inter-provincial co-operation, Ontario Grade 13 results are now supplemented by aptitude and achievement tests provided through the Service for Admission to College and University (SACU) which is jointly financed by the provinces. The Department of University Affairs has played an active role in the development of SACU and, on invitation, maintains observer status with OURA and OUCA.

At the national level, the Association of Universities and Colleges of Canada (AUCC) provides a clearing-house for university information, undertakes research of interest to all provinces in such areas as accessibility and student aid, and provides a forum for exchange of ideas and proposals at its annual conference. Academic vacancies are advertised in its monthly publication *University Affairs* which has a circulation of 40,000. As a national organization, the AUCC is interested both in federal and provincial decisions affecting higher education. DUA has enjoyed a cordial working relationship with the secretariat of the AUCC and regularly exchanges information and publications.

The Canadian Association of University Teachers (CAUT) also operates at the national level and maintains a watching brief not only on federal and provincial policies of concern to the university community, but also on matters affecting faculty rights and academic freedom on individual campuses.

The Ontario Confederation of University Faculty Associations (OCUFA), whose membership comprises almost half the university teachers in Canada, is more closely concerned with developments in Ontario, particularly those which may affect faculty salaries, staff-student ratios, research facilities, university government and university autonomy. The present Executive Vice-Chairman of OCUFA is Professor Charles Hanly.

The Ontario Department of University Affairs has maintained a working or informational relationship with all the groups described above as well as with the administration, faculty, and student councils of individual universities.

² For details of admission requirements see the introductory section of *Horizons 71/72*, published by the Department of University Affairs.

Contact with the provincial and national student organizations has been more sporadic. The Canadian Union of Students (cus), served as a focus of radical student opinion until its demise in 1969 as a consequence of withdrawal of student support. The Ontario Union of Students was represented on the Ontario Student Awards Committee but withdrew its representatives in 1968 when their demands for free tuition and student stipends received no support. Representatives of several university and community college student councils have since served on the Ontario Student Awards Committee and have made a positive contribution to its policy recommendations.

To recommend policy for the future is the difficult task of the Commission on Post-Secondary Education in Ontario (copse) which has been asked by the Minister

“To consider, in the light of present provisions for university and other post-secondary education in Ontario, the pattern necessary to ensure the further effective development of post-secondary education in the Province during the period to 1980, and in general terms to 1990, and make recommendations thereon”.

Established in 1969 under the chairmanship of Dr. Douglas T. Wright, the Post-Secondary Commission has focused on problem areas through consultation, research studies and public hearings. A preliminary report, *Post-Secondary Education in Ontario: A Statement of Issues*, was made public in November, 1970³. The terms of reference and the membership of the Commission are given in Appendix A to the introductory section of this report.

Changing Patterns of Financial Aid to Students

In a year when total public financial aid to Ontario students is expected to exceed 80 million dollars in loans, grants, scholarships and fellowships, it is interesting to reflect that, at the time Ontario's first general program of student aid was introduced in 1943, only \$46,000 was expended on Provincial Scholarships for Admission to University. By 1950, the cost of Dominion Provincial scholarships had risen to \$200,000, with the Federal Government contributing half. In 1958, as a sequel to a debate in the Legislature the previous year, \$3,000,000 was provided for Ontario Student Loans but only a portion of this sum was actually borrowed. The following year, Ontario Scholarships of \$400 each were introduced to assist outstanding Grade 13 graduates proceeding to post-secondary education.

Consequently, at the beginning of the 1960-70 decade under review, in addition to the numerous scholarships and bursaries offered by individual universities and local groups, Ontario provided a pot-pourri of provincial loans, Type A and Type B bursaries (for first year university and in-course training respectively), Ontario Scholarships and a limited number of secondary school bursaries. The total disbursement in 1960 was just over \$1.8 million, the number of students assisted was still minimal by today's standards, and co-ordination between university and government assistance to students was largely lacking. Ontario Graduate Fellowships were offered for the first time in 1963, in response to recommendations of the Committee of Presidents, to encourage more Ontario graduates to qualify for teaching at the university level. Student assistance climbed to \$6.4 million that year as more students benefited from provincial loans, bursaries and fellowships.

In 1964, in recognition of the need for university expansion, the Federal Government launched the Canada Student Loans Plan, to be administered through the provinces. Initially there was a good deal of variation from province to province in determining eligibility for these student loans, but a series of Federal-Provincial meetings, with Ontario playing an active role, succeeded in establishing satisfactory criteria for determining actual student need for loan assistance.

The newly organized Student Aid Branch of the Department of University Affairs, assisted by the Committee on University Affairs and the Committee of Presidents of Universities of Ontario, developed an integrated plan for student assistance in the province, combining the best features of the Canada Student Loans Plan and the existing Ontario bursary schemes. The Minister approved the

³ Copies may be obtained from the Commission on Post-Secondary Education in Ontario, 505 University Avenue, Toronto 2, Ontario

proposed new Ontario Student Awards Program on the understanding that it would apply equally to all full-time Ontario post-secondary students, that assistance would be provided according to assessed need, and that the total indebtedness of individual students would be limited by supplementing loans with grants.

Despite some initial administrative difficulties, the Ontario Student Awards Program, now in its fifth year, has annually assisted many thousands of Ontario residents, mostly from families of modest income, to proceed to university, community college, teachers' college or other eligible post-secondary institutions. The following table shows the growth of the program since its beginnings in 1966-67 and shows also the number of students assisted, now approximately 45% of the full-time post-secondary enrolment in Ontario.

	Grants	Loans	Number of Awards
1966-67	\$ 5,282,707	\$16,409,301	32,306
1967-68	18,975,677	23,537,482	41,656
1968-69	22,328,329	26,687,504	54,058
1969-70 (as of March 31)	29,433,509	32,708,730	59,758
1970-71 (projected)	35,325,000	38,000,000	75,000

To obtain a fuller picture of the number of students directly assisted out of the public purse, one must take into account the other awards provided by the province. For 1969-70, the totals were as follows:

2,751 Ontario Graduate Fellowships of \$1,500 each for the regular academic term:	\$3,975,157 ¹
2,392 Ontario Graduate Fellowships of \$750 each for the summer term:	1,779,840
3,389 College of Education Fellowships (now called Teacher Education Awards) of \$500:	1,663,122
4,375 Ontario Scholarships of \$150:	656,250
	<u>\$8,074,369</u>

¹ These totals reflect partial awards in some instances.

A more graphic representation of the development of these student assistance programs from 1960 to 1970 may be found at the end of the introductory section of this report.

Details of programs supplementary to OSAP are given in Appendix C of the introduction. Tables 35-38 at the end of the annual report list numbers of recipients and dollar totals for the various fellowship programs by institution.

A report on public expenditures for student awards is of necessity predominantly statistical. A detailed accounting of the Ontario Student Awards Program by institution in 1969-70 is provided in Table 34². It is perhaps worth noting that 73% of the awards based on assessed need went to university students and that the average award for university students was \$1,120, compared with \$902 for CAAT students, \$832 for students at teachers' college, and \$575 for nurses in training, as a consequence of lower fees and costs in the latter categories. Also noteworthy is the high percentage of the student body receiving provincial awards and fellowships at individual universities. The percentage varies from 38.1% for a metropolitan university such as the University of Toronto up to 56.5% for Lakehead University and over 60% for Guelph and Laurentian.

Partly as a consequence of the Ontario Student Awards Program, as the above statistics suggest, and partly as a consequence of the dramatic expansion of post-secondary educational facilities in Ontario over the past decade, recent data would seem to indicate that students from all family income groups are reasonably represented at post-secondary institutions in all major economic regions of the province. The accompanying tables illustrate this trend, which

Percentage distribution of post-secondary students in Ontario by combined parental income³

Income range	1968-69 %	1969 %
	Post-secondary students ⁴	Ontario families ⁵
Under \$1,000	1.6	1.6
1,000 - 2,000	2.3	2.3
2,000 - 3,000	3.0	4.2
3,000 - 4,000	4.4	4.8
4,000 - 5,000	6.2	5.6
5,000 - 6,000	9.3	8.8
6,000 - 7,000	11.8	11.0
7,000 - 10,000	26.4	29.8
Over 10,000	35.0	31.8

² Detailed statistics for previous years are provided in the Minister's annual report for 1967 and for 1968-69.

³ From a Study Paper prepared by the Research Branch of the Department of University Affairs, October, 1970.

⁴ D.B.S. Post-Secondary Student Population Survey - 1968-69: Catalogue 81-543.

⁵ Ontario Department of Social and Family Services: Brief Prepared for the Special Senate Committee on Poverty, 1970. Table - p. 12: Table 1 - Appendix.

has been apparent for some time in computer print-outs of Ontario student awards data, and has been further documented in an analysis of students' family income groups in Ontario, derived from the Post-Secondary Student Population survey undertaken in 1969 by the Dominion Bureau of Statistics and from data on family income groups in Ontario compiled by the Ontario Department of Social and Family Services.

To ensure that students are aware of post-secondary educational opportunities, the Ontario Student Awards Program has been widely publicized throughout the province,

initially through advertisements in daily and student newspapers and subsequently by distribution of the annual handbook *Horizons* and the revised student awards brochure to all high schools and post-secondary institutions in Ontario. In addition, a secondary school liaison officer visits all school districts in the province each year to provide student awards information to guidance counsellors, students and parents. The annual Guidance Dialogue Conference also provides an opportunity for members of the Student Awards Branch to brief guidance personnel from secondary schools across the province on the details of the awards program.

Distribution of 1969-70 awards to Group A students according to parents' discretionary income

(Based on data available as of April 27, 1970)

Income Range		Number of Awards						
\$	Universities	CAAT's	Teachers' Colleges	Nursing	Other	Total	%	Cumulative ⁷ %
Under 3,000	18,991	6,090	1,377	3	1,971	28,432	67.2	67.2
3 - 4,000	4,393	873	158		320	5,744	13.6	80.8
4 - 5,000	3,485	414	83		239	4,221	10.0	90.8
5 - 6,000	1,889	183	14		144	2,230	5.3	96.1
6 - 7,000	950	41	4		100	1,095	2.6	98.7
7 - 8,000	275	16	3		52	346	1.3	100.0
8 - 9,000	145	10			20	175		
9 - 10,000	52	1			6	59		
Over 10,000	23	2			8	33		
Total	30,203	7,630	1,639	3	2,860	42,335		100.0

⁶ Gross income of parents does not normally provide an accurate indication of what a family can afford to contribute toward the costs of a dependent's higher education. A more meaningful basis of comparison is discretionary income, the net income level used under the assessment procedures of the Ontario Student Awards Program and the Canada Student Loans Plan.

⁷ The family contribution is greater and the student's average award is less as the discretionary income increases. Thus, the 4% of Group A students from families with discretionary income over \$6,000 received only 1/2 of 1% of the grant funds awarded.

From decentralization to computer assessment

From 1960 to 1964, provincial loans and bursaries were administered through the Student Aid Branch of the Department of Education, on the basis of student lists provided by the institutions. When the Canada Student Loans Plan was introduced in 1964, loan allocations were made to each institution to supplement the provincial bursaries. With the integration of loans and grants under the Ontario Student Awards Program in 1966, assessment was initially undertaken by the Student Awards Branch of the Department of University Affairs. The following year initial assessment of student applications was decentralized to the individual universities, CAAT's and teachers' colleges, with the Department retaining responsibility for checking, review, final processing of all applications, and issuance of cheques and certificates of eligibility. This division of responsibility continued through the 1968-69 and 1969-70 academic years, with some refinement of criteria and procedures.

During the current year, anticipating more than 75,000 applications for student awards, the Department determined, after extensive trials, to proceed to computer assessment in consultation with the student awards officers of the institutions. It was hoped that the new centralized procedures would reduce delays entailed in manual processing, would improve consistency of assessment among institutions, and would facilitate audit procedures and data retrieval. Despite some initial skepticism, computerized assessment has worked well. As of November 20, 1970, of 78,000 student awards applications received in the Department, 74,000 had been processed and returned to institutions and the rest were in the mill, with the average turn-around time reduced to eight working days. Some problems remain, particularly in the processing of applications from trimester students, but the relative success of the centralized procedure to date is due in no small measure to the co-operation of the local student awards officers, who have supervised the initial editing of applications at the institutions and who have been able to give more attention to applications requiring special consideration or review.

A review board made up of members of the Department (non-voting), experienced representatives of the Association of Student Awards Officers, and student members of the non-governmental Ontario Student Awards Committee now meets twice weekly to consider appeals forwarded by the institutions.

Audit procedures

During the current year audit procedures also have been considerably improved. The computer assists by automatically checking discrepancies in applications and the Department's audit section has been developing supplementary methods of validating student and parental income. Applications from students whose parents are self-employed (farm, business, real estate, and insurance) now receive special attention from departmental assessors, because of the need for rigorous guidelines in determining net income in these areas.

During the first three years of the Ontario Student Awards Program, all applications were checked manually for discrepancies in the information provided. Any questionable applications referred to the Department by student awards officers or selected by departmental assessors or brought to the Department's attention by third parties received further investigation. In case of error or discrepancy, the award could be refused or reduced upon reassessment; or, if an award had already been received by a student, he could be required to repay the provincial grant portion as well as repaying the bank or the Federal Government for the loan portion. The Department now employs a sampling procedure as well, to select for audit a cross-section of applications from post-secondary institutions across the province.

New approaches to student aid

Although the Ontario Student Awards Program has proved to be successful in its avowed objective of providing "opportunities for students of this province who lack adequate financial resources to pursue post-secondary education,"⁸ and although, as noted above, both the Department and the student awards officers have been working to improve the equity and efficiency of the program through computerized assessment, review boards and audit procedures, several considerations have prompted a basic re-examination of the present approach to student assistance.

One such consideration has undoubtedly been the rapidly rising costs of the provincial grants which have climbed from about \$5.3 million in 1966-67 to an estimated \$35.3 million in 1970-71. Another has been the complaint, frequently voiced by students themselves, that the present program does not assist certain significant categories of students: those working towards degrees or diplomas on a part-time basis; those who consider themselves to be independent of parental assistance, although they may not qualify as Group B

⁸ From the introduction to the Ontario Student Awards Brochure, 1970-71.

applicants under the criteria of the program; and those Group A (dependent) students from middle income groups who are ineligible for a loan/grant under OSAP or who qualify for only minimal assistance because of the assessed parental contribution under the provisions of the Canada Student Loans Plan, although, during an inflationary period, their parents may be unwilling or, in practical terms, unable to contribute very much towards the direct costs of their children's post-secondary education.

The basic question then arises: to what extent should the individual benefiting from degree or diploma studies be responsible for his personal educational costs, such as books, tuition, transportation and living expenses? Certainly society benefits from the work of lawyers, doctors, engineers, teachers, nurses, social workers, scientists, technologists, business administrators and other university and college graduates; but in many instances, the individual benefits even more, and the public is already providing most of the funds for the very considerable operating and capital costs of post-secondary institutions.

In this context, a special subcommittee of the Council of Ministers of Education, under the chairmanship of Mr. Alan P. Gordon, Assistant Deputy Minister of the Department of University Affairs, has been examining alternative approaches to student assistance which might apply nationally and be broader in scope than the present combination of Canada Student Loans and provincial bursary programs. A proposal for a "Canadian Student Assistance Program" has been presented to federal officials for consideration. Essentially it would provide funds for both full-time and part-time students on the basis of need. The recipient would be expected to repay the money received by means of a surcharge on income tax over a period of perhaps fifteen or twenty years. Those whose incomes during that period were of sufficient size would repay the total amount, including interest, while the remainder would be "forgiven" the unpaid balance at the conclusion of the period. Thus "grants" would be provided to those who did not receive direct economic benefit from their post-secondary education.

Several aspects of the proposal require further study and Federal-Provincial discussion, in particular the question of funding and the mode of repayment. The whole concept is being carefully assessed by such advisory bodies as the Ontario Student Awards Committee and will no doubt be widely discussed in the academic community.

Copies of a paper outlining the basic proposal are available from the Department of University Affairs.⁹

⁹ *Also of interest is A Discussion of Educational Opportunity Bank Type Proposals, a study paper prepared for the Students' Administrative Council of the University of Toronto by Michael C. Wolfson.*

The Ontario Student Awards Committee

First appointed in 1966, this Committee serves as an advisory body to the Minister on policies relating to financial assistance to students in all sectors of post-secondary education. The Committee membership is broadly representative of the academic community in Ontario, including administrators, faculty and students from both the universities and the colleges of applied arts and technology as well as members of the Department and of the Association of Student Awards Officers. The chairman for the current year is Professor Charles Hanly, representing the Ontario Confederation of University Faculty Associations (OCUFA). During the 1969-70 academic year, the Committee was chaired by Mr. Robin Ross, Vice-President and Registrar of the University of Toronto, representing the Committee of Presidents of Universities of Ontario. A list of the current membership is given in Appendix B of the introductory section of this report.

The Committee is concerned not only with the effect and operation of all the current provincial programs of financial assistance to students but also with new approaches to student aid. To this end it has initiated several research projects including *A Study of Programs for Financial Assistance to Students in the Province of Ontario* (the Cook-Stager Report),¹⁰ undertaken on behalf of the Department by the Institute for the Quantitative Analysis of Social and Economic Policy at the University of Toronto, a portion of which was developed as the so-called Clarke-Kent Report on *Student Aid and Access to Higher Education in Ontario*, and a study of the finances of Ontario post-secondary students undertaken by the Ontario Institute for Studies in Education and not yet completed.

Copies of the published reports have been circulated to the presidents and to the student councils of Ontario universities and colleges of applied arts and technology with a view to obtaining suggestions and comments on the development of new policies of student support. A further report is expected early in 1971 from the subcommittee of OSAC concerned with long-range planning. The Committee has also approved a recommendation from its Information Subcommittee to publish a periodic newsletter reporting to the academic community on the findings and discussions of the advisory committee.

¹⁰ *Student Financial Assistance Programs – A Report to the Ontario Committee on Student Awards by Gail C. A. Cook and David A. A. Stager, published by Associates of the Institute for the Quantitative Analysis of Social and Economic Policy, November, 1969.*

Special Departmental Projects

Historical commemorations

Since the inception of the Department of University Affairs in 1964, three collections of Canadiana – including selected books, reference materials and microfilm – have been established at universities in Scotland to commemorate significant figures in Canadian history and to acknowledge the role of the Scottish people in the early development of Canada. To supplement these collections, modest annual grants have been provided for further accessions of Canadiana and scholarly exchanges have been arranged between universities in Scotland and in Ontario.

The first Scottish Canadian thus commemorated was Sir John A. Macdonald, the 150th anniversary of whose birth, near Glasgow, was celebrated in 1965. In 1967, when the Confederation which Macdonald fashioned was a century old, the Honourable William G. Davis, Minister of University Affairs, visited Scotland to make the formal presentation of the Sir John A. Macdonald Collection of Canadiana to the University of Glasgow. Among those present at the ceremony was the eminent Canadian historian, A. R. M. Lower, Professor Emeritus, Queen's University, who lectured at the University of Glasgow and at other university centres in Scotland during the academic year 1967-68 as the first Sir John A. Macdonald Exchange Professor.

To establish the Macdonald collection of Canadiana, a committee of four noted librarians¹ recommended an initial grant of \$10,000, with supplementary grants of \$300 per year to maintain and expand the original collection. The first \$1,000 of the initial grant was used to obtain items of particular historical relevance, including microfilms of early Canadian newspapers. The balance was given to the university to purchase the remainder of the collection, selected from the extensive bibliography of Canadiana provided to the university library.

The second Canadiana collection was donated to the University of Edinburgh in 1968 to commemorate the 150th anniversary of the birth of George Brown. The official presentation was made in October, 1968 by Mr. Davis. Two grandsons of George Brown were able to be present at the ceremony. Professor J. M. S. Careless, biographer of George Brown, gave a commemorative series of lectures at the

University of Edinburgh in honour of the anniversary. As part of the exchange program, Professor G. A. Shepperson of Edinburgh University gave a reciprocal series of lectures at the University of Toronto.

During 1970, the third such presentation was made to the University of Dundee to mark the 175th anniversary of the birth of William Lyon Mackenzie. The presentation was made by Dr. E. E. Stewart, Deputy Minister of University Affairs, in March, 1970. In continuation of the exchange of scholars, Dr. William Kilbourn, noted biographer of Mackenzie,² gave a series of lectures at the University of Dundee on contemporary Canadian problems.

A different way was chosen to celebrate the 150th anniversary of the birth of Oliver Mowat, Ontario's first premier, whose parents both came from Scotland, but who was born in Kingston, Ontario. Queen's University, with the co-operation and support of the Department of University Affairs, organized a colloquium in November, 1970. Authorities on Canadian studies presented papers on this occasion and scholars were commissioned to prepare special essays for publication in a volume entitled *Oliver Mowat's Ontario*.

Grants in Aid of Research

These research grants were administered by the Ontario Research Foundation until the 1966-67 fiscal year, at which time they were transferred to the Department of University Affairs. During the first year of this Department's administration, 167 awards were made for a total expenditure of more than \$395,000. Awards for the following year increased to 305, with a total value of more than \$595,000. In 1968-69, 435 awards were made at a value of \$746,000; and in 1969-70, 446 awards were granted, totalling \$750,000.

Until 1969-70, the awards were for individual junior faculty members working on projects at the 14 provincially assisted universities. The maximum individual award was \$2,000.

For the 1970-71 academic year, the program was altered to include major awards for multi-disciplinary research projects of interest to the Province of Ontario. These awards were for a maximum of \$50,000 each. Sixteen major awards were granted to Ontario universities for 1970-71, for a total of \$493,000. The number of individual awards was reduced to 111 with a value of \$210,000.

Further comment on the development of the grants-in-aid-of-research program may be found in the accompanying report of the Committee on University Affairs.

² The Firebrand; William Lyon Mackenzie and the rebellion in Upper Canada. Toronto, Clarke Irwin, 1956.

¹ Dr. Robert Blackburn, Chief Librarian, University of Toronto; Mr. Henry C. Campbell, Chief Librarian, Toronto Public Libraries; The Rev. Paul-Emile Drouin, Chief Librarian, University of Ottawa; and Mr. H. Pearson Gundy, then Chief Librarian, Queen's University, Kingston.

Appendix A

Terms of Reference for The Commission to Study Post-Secondary Education in Ontario

A Commission To Study Post-Secondary Education in Ontario is appointed to advise the Minister of Education and Minister of University Affairs under the following terms of reference.

It shall be the responsibility of the Commission :

1. To consider, in the light of present provisions for university and other post-secondary education in Ontario, the pattern necessary to ensure the further effective development of post-secondary education in the Province during the period to 1980, and in general terms to 1990, and make recommendations thereon;
2. In particular, but not to the exclusion of other matters, to study and make recommendations on:
 - a. the educational and cultural needs of students to be met at the post-secondary level in Ontario, including adult and continuing education;
 - b. the patterns of student preference and demand in post-secondary education, especially as they are influenced by social and economic factors and in the light of possible changes in primary and secondary education;
 - c. the number of students for whom provisions should be made in various types of institutions and programs;
 - d. the type, nature and role of the institutions required to meet the educational needs of the Province with particular reference to existing institutions and their ability to meet present and future demands;
 - e. the facilities required to meet needs, including specialized facilities such as research laboratories, libraries, computer facilities, etc;
 - f. the need for and nature of centralized or shared facilities and services;
 - g. the functions and interrelations of the bodies and institutions involved in the administration and development of post-secondary education;
 - h. the principles that should govern the transfer of students among different types of institutions;
 - i. the costs, allocation of resources and methods of financing for post-secondary education in Ontario as related to the attainment of equality of educational opportunity and as related to the resources of the Province.
3. To provide full opportunity for all interested individuals and organizations to express opinions and offer discussion on both broad and specific issues related to the development of post-secondary education in Ontario. To ensure the attainment of this objective the Commission should invite written briefs, hold public hearings and publish the results of studies and recommendations initially in draft form so as to generate public comment and discussion.

Appendix A-1

Membership of the Commission

Chairman: DR. DOUGLAS WRIGHT, Chairman of the Committee on University Affairs.

At present, the twelve members of the Commission are:

DAVID BLACK, a graduate student at the University of Waterloo, previously on the secretariat of the Canadian Union of Students.

Professor J. M. S. CARELESS, Professor of History at the University of Toronto and biographer of George Brown.

WILLIAM CHERRY, Mohawk College, Executive Secretary of the Colleges of Applied Arts and Technology Students' Association of Ontario.

D. O. DAVIS, Vice-President of Engineering at Dominion Foundries and Steel, Hamilton, and a member of the Council of Regents of the Colleges of Applied Arts and Technology.

DR. JOHN J. DEUTSCH, Principal of Queen's University at Kingston and former Chairman of the Economic Council of Canada.

DR. REVA GERSTEIN, a Toronto psychologist, a member of the Committee on University Affairs and a member of the Hall-Dennis Committee.

JOHN V. O. KELLY, a Toronto lawyer. Continuing an interest in student affairs developed as a former president of the Students' Administrative Council of the University of Toronto, Mr. Kelly has acted on behalf of a number of student organizations and faculty groups in the field of education.

Professor JOHN S. KIRKALDY, a past Chairman of the Ontario Confederation of University Faculty Associations. Dr. Kirkaldy occupies the Steel Company of Canada Chair of Metallurgical Engineering at McMaster University.

WILLIAM LADYMAN, International Vice-President of the International Brotherhood of Electrical Workers, and a member of the Council of Regents.

HUGH L. MACAULAY, Chairman of the Board of Governors of Ryerson Polytechnical Institute.

WILLIAM NEWNHAM, President of Seneca College of Applied Arts and Technology.

MRS. EDNA TIETZE, Master of English Literature at Conestoga College of Applied Arts and Technology.

Appendix B

Members of Ontario Committee on Student Awards (October, 1970)

Representing the Committee of Presidents of Universities of Ontario:

Dr. Peter Morand
Assistant Vice-Rector (Academic)
University of Ottawa
Mr. Robin Ross
Vice-President and Registrar
University of Toronto
Dr. J. Ruptash
Dean of Graduate Studies
Carleton University

Representing the Ontario Confederation of University Faculty Associations:

Professor Charles Hanly (Chairman for 1970-71)
Executive Vice-Chairman
Ontario Confederation of University Faculty Associations
Dr. A. Feingold
Chairman
Department of Mechanical Engineering
University of Ottawa

Representing the Committee of Presidents of the Colleges of Applied Arts and Technology:

Mr. David Leishman
Director of Student Affairs
The Committee of Presidents of the Colleges of Applied Arts
and Technology
Mr. Gordon Wragg
President
Humber College

Representing the Ontario Federation of Community Colleges Faculty Associations:

Mr. H. Morgan
Chairman
Ontario Federation of Community Colleges Faculty Association
Centennial College

Representing the Committee on University Affairs:

Dr. D. T. Wright
Chairman
Committee on University Affairs

Representing the Council of Regents of the Colleges of Applied Arts and Technology:

Mr. Norman Sisco
Chairman
Council of Regents

Representing the students of the Colleges of Applied Arts and Technology:

Mr. Brian Nasimok
Seneca College of Applied Arts and Technology
Mr. Paul Hilton
Comptroller
Ontario Colleges of Applied Arts and Technology
Student Association Incorporated

Representing students of the Universities of Ontario:

Mrs. Joyce Denyer (Observer)
Past President
Association of Part-time Undergraduate Students
Mr. John Flegg
52 Rathburn Road
Islington, Ontario
Mr. Richard A. Labonte
Students' Council
Carleton University
Ottawa, Ontario
Mr. Steve Lough
P. O. Box 386
Iroquois Falls, Ontario
Mr. Hugh Segal (Vice-Chairman)
President
Students' Federation
University of Ottawa

Representing the Teachers' Colleges of Ontario:

One: to be appointed

Representing the Association of Student Awards Officers:

Mr. A. R. Dejeet
Student Aid Officer
University of Waterloo
Mr. David Ellis
Student Awards Officer
Queen's University
Mr. Phillip Karpetz
Director of Admissions and Student Awards Officer
Humber College

Representing the Department of University Affairs

Mr. A. P. Gordon
Assistant Deputy Minister
Mr. D. S. Bethune (Secretary)
Director of Student Awards

Appendix B-1

Ontario Student Awards Committee

Terms of Reference

1. The Committee will be a continuing body.
2. The Committee will advise the Minister of University Affairs.
3. The Committee will be concerned with matters of student aid and, in particular:
 - a. It will attempt to ensure a clear articulation of the financial arrangements that will be required to ensure that all students have the necessary resources to undertake post-secondary education.
 - b. It will recommend action that it considers most desirable towards achieving such arrangements.
 - c. It will advise on administrative procedures required to implement appropriate policies in the field of student aid.
4. The Committee and the Department of University Affairs will co-operate to the fullest extent possible.
5. The Committee will have access to all facts available to the Department of University Affairs concerning student aid except those submitted to the Department on a confidential basis.
6. The Committee's formal recommendations will become matters of public record upon presentation to the Minister.
7. The Committee's expenses will be met by the Department of University Affairs.
8. The Chairman and Vice-Chairman and Secretary of the Committee will be chosen by the Committee. No official of the Department of University Affairs will hold the office of Chairman or Vice-Chairman.

31st May, 1967

Appendix C

Fellowship and scholarship programs administered by the Department of University Affairs.

Ontario Graduate Fellowship Program

The Ontario Graduate Fellowship Program was begun in 1963 with the purpose of strengthening graduate studies in Ontario and alleviating the shortage of teachers at universities and colleges by encouraging highly qualified students at Ontario universities to pursue studies to the master's or doctoral level in disciplines where the shortage of Canadian Ph.D.'s was most evident. The fellowships, allocated to universities on a quota basis, have been offered mainly in the humanities and the social sciences, including law and library science, and in the pure and applied sciences (See Tables 35 and 36).

Under the terms of the program, Canadian citizens and landed immigrants having at least second class honours in an Ontario honours B.A. or B.Sc. program can be awarded, upon the recommendation of their Dean of Graduate Studies, a fellowship of \$1,500 for the regular academic session plus \$750 for the summer season, to a maximum of \$3,000 for M.A. candidates, depending upon the amount the graduate student receives from other awards and assistantships.

The following table shows the totals for Ontario Graduate Fellowships awarded during the past four years, with projections for 1970-71.

Fiscal Year	Academic Session		Summer Session ¹		Total Value
	No. of Awards	Value \$	No. of Awards	Value \$	
1966-67	1,829	2,743,000	1,444	722,000	3,465,500
1967-68	2,166	3,249,000	1,538	769,000	4,018,000
1968-69	2,360	3,456,984	1,942	1,002,356	4,459,340
1969-70	2,751	3,975,157	2,392	1,779,840	5,754,992
1970-71	2,380 ²	3,011,000	2,670 ²	1,989,000 ²	5,000,000

¹Under this program, students have the option of taking their summer supplement during either the summer preceding their academic session or the summer following.

²Estimated. Dollar totals will vary, reflecting a number of partial awards.

Teacher Education Awards

Originally called College of Education Fellowships, these awards were introduced in the 1965-66 academic year to encourage more university graduates to qualify as secondary school teachers. During 1969-70 the awards were extended to elementary student teachers enrolled in a university faculty of education. The awards help to defray the costs of full-time professional training in a university college of education or faculty of education.

1965-66	245 fellowships	Total dollar value	\$122,500
1966-67	173 fellowships	Total dollar value	86,500 ³
1967-68	1,161 fellowships	Total dollar value	574,465
1968-69	2,072 fellowships	Total dollar value	999,267 ³
1969-70	3,389 awards	Total dollar value	1,663,122 ³
1970-71	3,700 awards (estimated)	Total dollar value	1,850,000

For a listing of fellowships or awards by university, see table 38.

³These totals reflect partial awards.

Ontario Scholarships

Ontario Scholarships were introduced in 1959 to reward Grade 13 graduates who achieved 80% or better in the departmental examinations and who were proceeding to post-secondary education. Initially administered by the Department of Education, these awards were transferred to the Department of University Affairs in 1966. Following the introduction of the Ontario Student Awards Program in the 1966-67 academic year, the scholarships were reduced in value to \$150. Scholarships in excess of \$150 are deducted from any award

based on need. Since the discontinuance of the external Grade 13 examinations after 1967, the number of Ontario Scholarships has approximately doubled, averaging about 10% of the Grade 13 enrolment.

1966	1,886 scholarships	Total dollar value	\$714,833 ⁴
1967	2,314 scholarships	Total dollar value	911,110 ⁴
1968	3,761 scholarships	Total dollar value	564,150
1969	4,375 scholarships	Total dollar value	656,250

⁴Deductions were made from the \$400 scholarships if the students received more than \$150 in other awards.

Secondary School Bursary Program

Originally administered by the Department of Education as part of the Type A bursary program, these \$100 grants, awarded upon the recommendation of the principal or guidance head, were intended to assist promising students in the final year of their secondary school program to meet costs of educational necessities other than board and lodging. The administration of the program was transferred to the Department of University Affairs in April, 1966 along with other programs of financial aid to students.

1966-67	269 bursaries	Total dollar value	\$26,900
1967-68	573 bursaries	Total dollar value	57,300
1968-69	770 bursaries	Total dollar value	77,000
1969-70	512 bursaries	Total dollar value	51,200
1970-71	The amount provided in the Estimates is \$100,000		

Ontario-Quebec Exchange Fellowship Program

This program was inaugurated in the current year as a consequence of the 1969 agreement on educational and cultural co-operation and exchange between the Governments of Ontario and Quebec. Each government awards annually ten fellowships of \$5,000 each for doctoral or post-doctoral studies at a university in the other province.

The Sir John A. Macdonald Fellowship in Canadian History

This fellowship was established in 1965 to commemorate the 150th anniversary of the birth of Sir John A. Macdonald by encouraging students of outstanding ability to pursue studies in Canadian history. The award is now \$4,000 a year for two years.

Queen Elizabeth II Ontario Scholarships

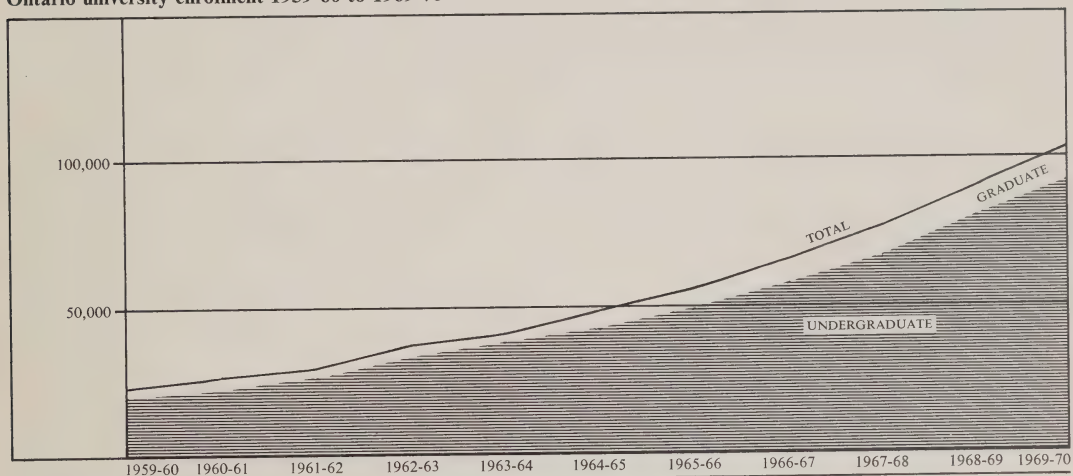
A trust fund of \$500,000 was established by the Provincial Government in 1959, in honour of the visit of Her Majesty the Queen to Ontario in that year, to encourage doctoral studies by candidates interested in teaching at the university level. In 1969 the number of awards was reduced to five with an annual value of \$5,000.

King George VI & Queen Elizabeth Scholarship

Established in 1962 to commemorate the visit of Her Majesty, Queen Elizabeth, the Queen Mother, this four-year scholarship of \$500 a year has been awarded to the Grade 13 student achieving the highest average in the Grade 13 departmental examinations. The program is being terminated as no new awards have been made since the provincial examinations were discontinued.

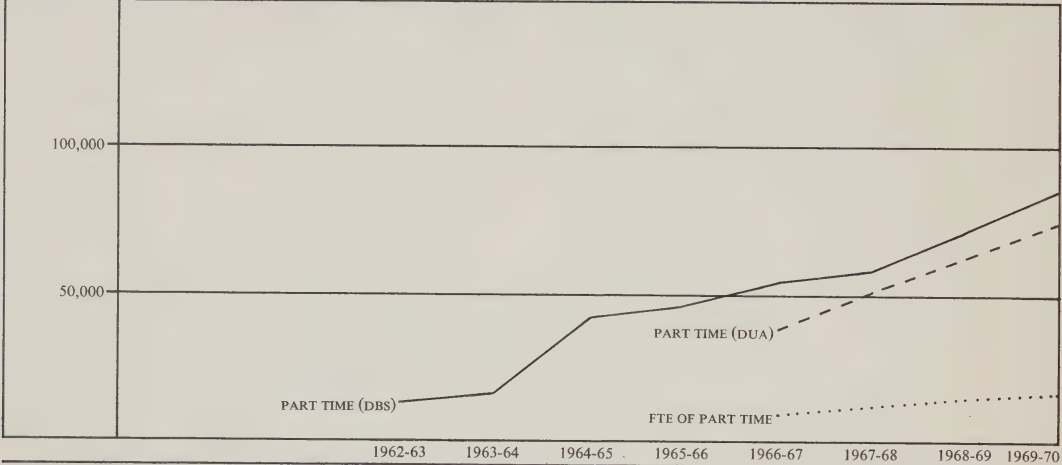


GRAPH 1
Ontario university enrolment 1959-60 to 1969-70



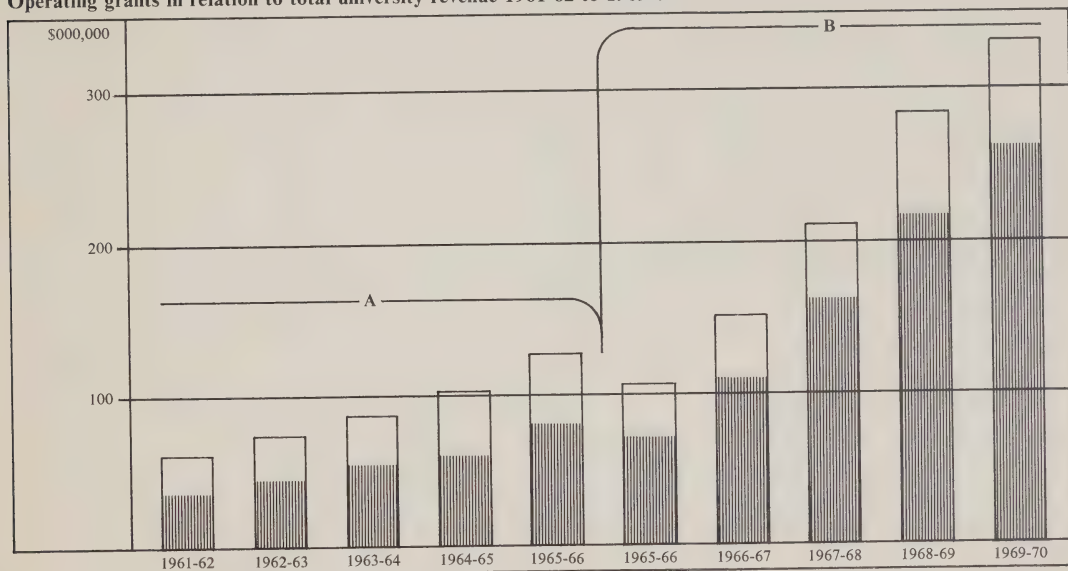
NOTE: Figures for 1959-60 to 1961-62 are from the Department of University Affairs and exclude enrolment at Waterloo Lutheran University. Figures for the years 1962-63 to 1968-69 are from the Dominion Bureau of Statistics and include the 14 provincially assisted universities, Waterloo Lutheran University and Royal Military College of Canada. Figures for 1969-70 include the same institutions and are from the Department of University Affairs.

GRAPH 2
Part-time enrolment at Ontario universities 1962-63 to 1969-70



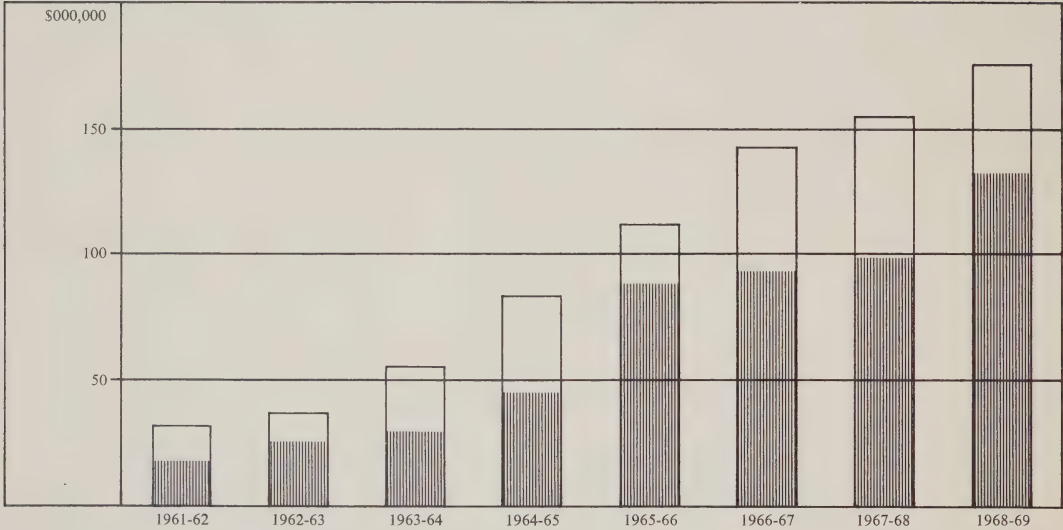
NOTE: Dominion Bureau of Statistics figures for 1962-63 include winter enrolment only; those for 1964-65 to 1969-70 include both winter and summer enrolment. All DBS figures include programs in education. FTE figures for undergraduate programs are calculated by dividing course registrations by a factor of six; for graduate programs by multiplying actual student numbers by 0.30.

GRAPH 3
Operating grants in relation to total university revenue 1961-62 to 1969-70



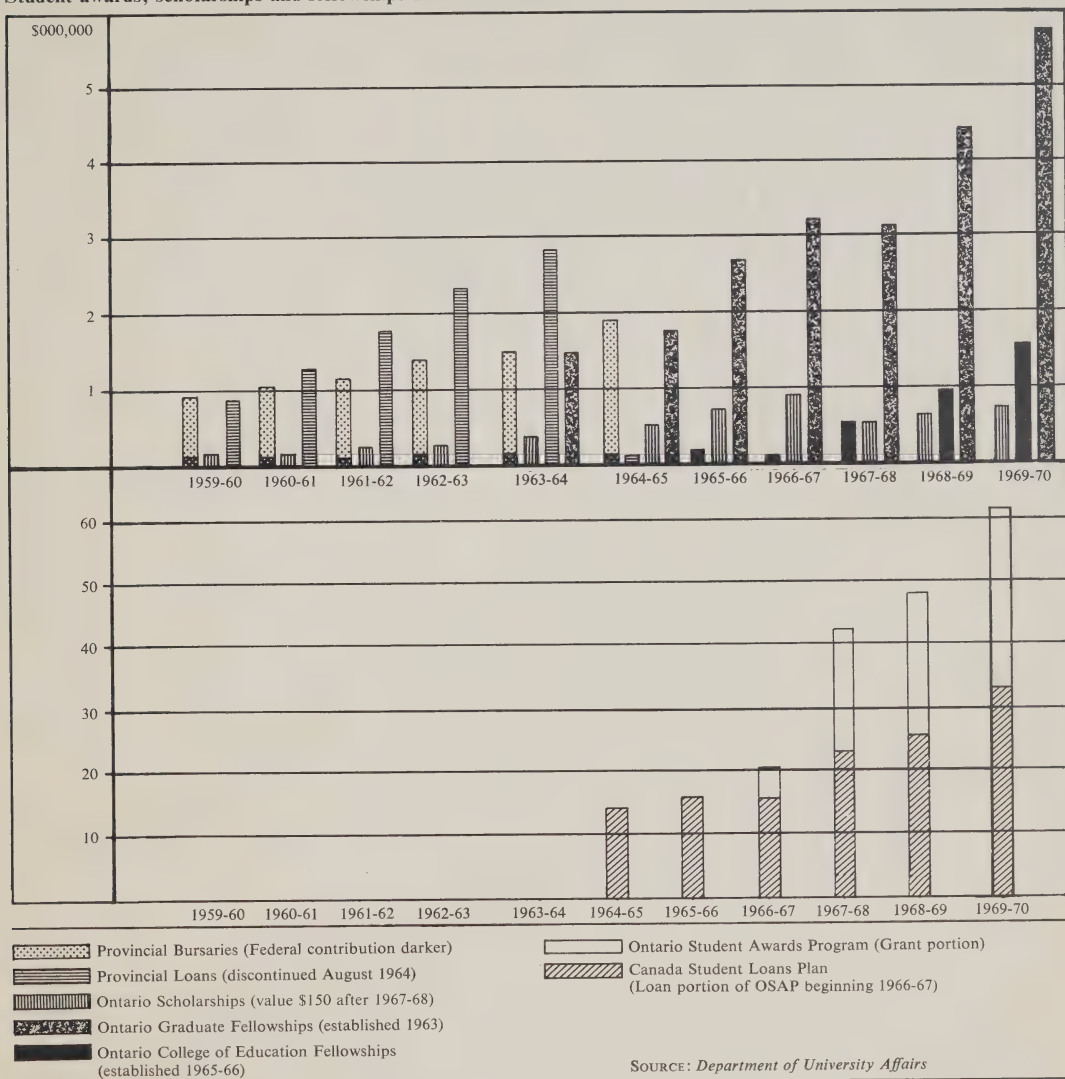
NOTE: Statistics for part A come from the Dominion Bureau of Statistics and include all provincial institutions, as well as both federal and provincial grants. Statistics for part B come from the Department of University Affairs, and include only the 14 provincially assisted universities; federal grants for 1965-66 and 1966-67 are also included.

GRAPH 4
Provincial funding as a proportion of total capital expenditure 1961-62 to 1968-69



NOTE: Figures for provincial funding for the years 1964-65 to 1968-69 are from the Department of University Affairs, and include assistance to the provincially assisted universities only. All other figures are from the Dominion Bureau of Statistics. Expenditure figures (DBS) include all provincial institutions.

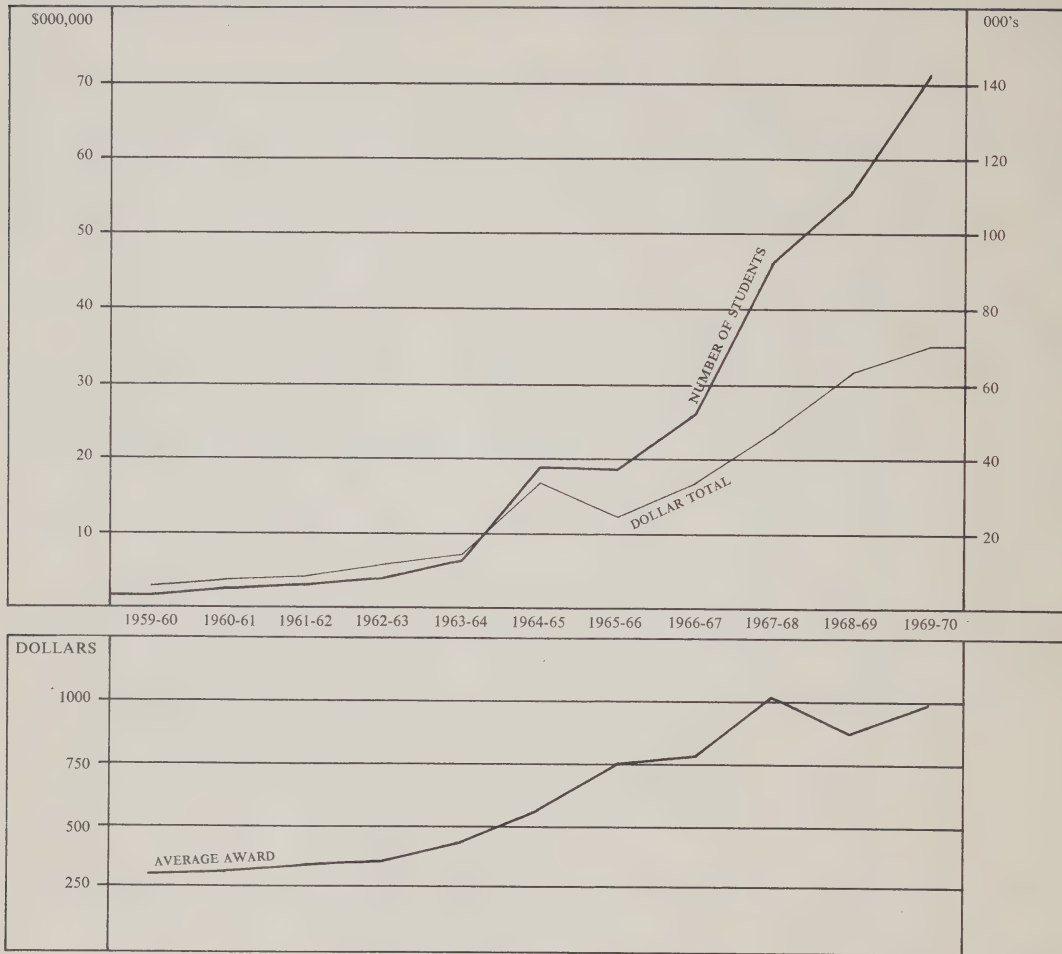
GRAPH 5
Student awards, scholarships and fellowships 1959-60 to 1969-70



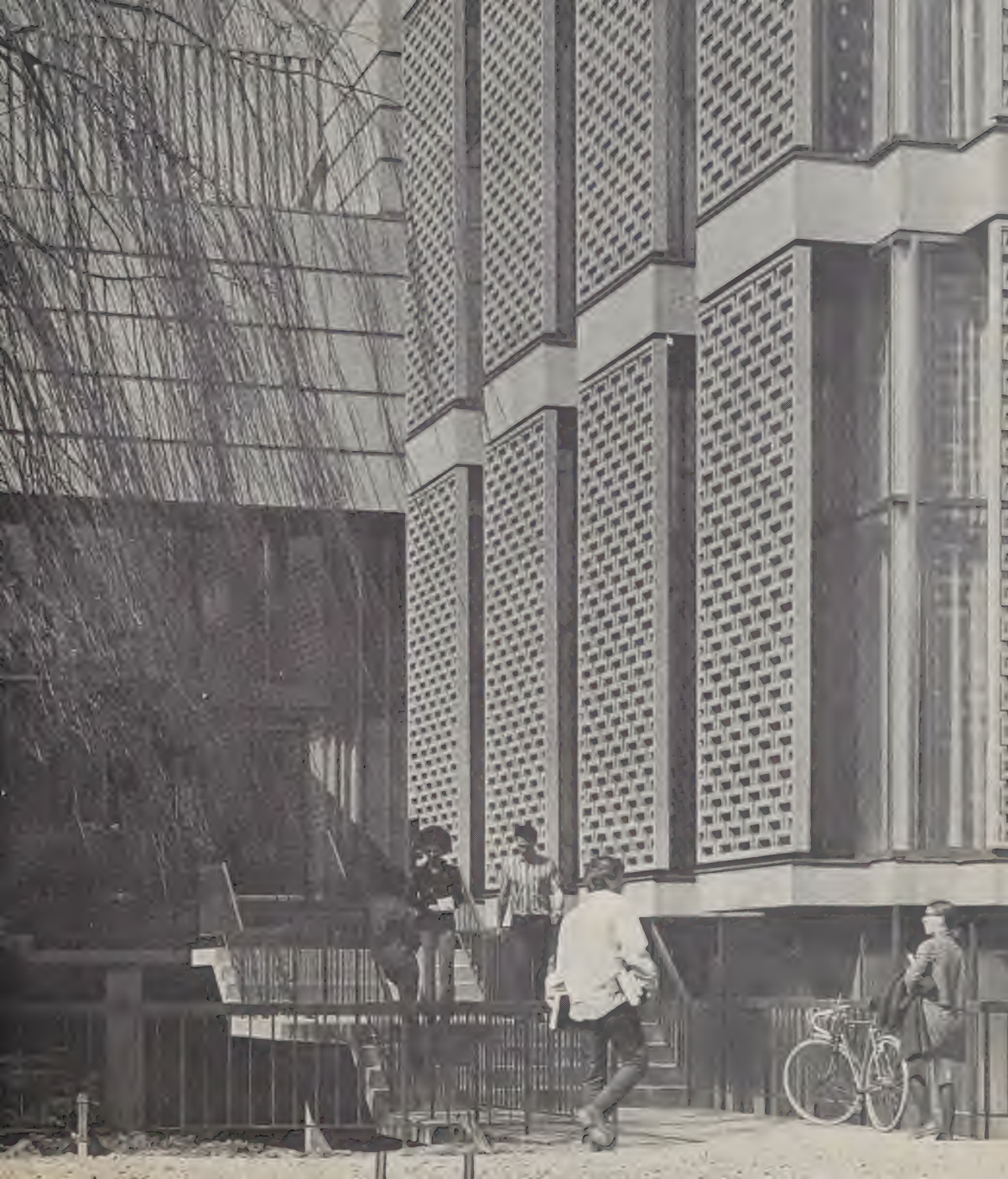
SOURCE: Department of University Affairs

GRAPH 6

Numbers of students assisted and average awards, 1959-60 to 1969-70



SOURCE: Department of University Affairs



Minister: The Honourable William G. Davis, Q.C.

Deputy Minister: E. E. Stewart
 Assistant Deputy Minister: A. P. Gordon
 Executive Assistant to Deputy Minister: J. A. Benning
 Program Analysis Co-ordinator: D. J. Ferguson

Administrative Services Branch

Director: R. Price
 Budget Accountant: D. Macleod
 General Accounts Supervisor: (Mrs.) P. H. Stitt
 Office Services Supervisor: (Mrs.) P. A. Moir

Architectural Services Branch

Director: J. D. McCullough
 Architectural Officers: E. Tannis
 J. M. Plumb

Finance Branch

Director: J. S. Bancroft
 Finance Officers: H. C. Anderson
 R. E. Crate
 Financial Analyst: I. S. Joshua
 Administrative Assistants: P. F. Leeney
 P. J. Wright

Information Branch

Director: L. H. Peebles
 Librarian: (Mrs.) I. M. Mason
 Information Officers: (Mrs.) J. Giannakopoulos
 (Miss) N. Wakelin

Research Branch

Research Assistant: (Mrs.) T. Anderson

Student Awards Branch

Director: D. S. Bethune
 Assistant Director: W. H. Hutchinson
 Verification and Audit Officer: J. Parker
 Special Projects and Liaison Officer: (Mrs.) M. C. Kallio
 Payment Section Supervisor: C. E. Brown
 Inquiry Section Supervisor: (Mrs.) N. Milligan
 Records Section Supervisor: (Mrs.) Y. Johnson
 Assessment Section Supervisor: (Mrs.) L. Hoover
 Fellowships Section Supervisor: (Mrs.) B. Morris.

Office of the Deputy Minister

The main office complement of the Department of University Affairs consists of the Deputy Minister, the Assistant Deputy Minister and their immediate staff. Acting under the Minister's direction, these officials hold the general responsibility for the administration of government policies relating to the universities of Ontario, with particular reference to operating and capital grants and student aid. In addition to supervising the overall operation of the Department, the Deputy Minister and the associated personnel of this office consult with the Committee on University Affairs, the Committee of Presidents of Universities of Ontario and with senior officials of the provincially assisted universities concerning specific problems, they review proposed legislation and policy recommendations, and they communicate regularly with institutions and officials in other jurisdictions who have like concerns.

Because university development closely relates to the interests and activities of other government departments, the Department of University Affairs maintains a close relationship with such agencies as the Senior Coordinating Committee for the Health Sciences, the Ontario Universities Capital Aid Corporation, the Council of Ministers of Education, and – particularly in such areas as teacher education and other branches of post-secondary education – with the Ontario Department of Education. In 1969, an interdepartmental committee was formed to examine government support of research. This committee, under the chairmanship of the Deputy Minister of University Affairs, is expected to recommend a series of guidelines to assist government departments in utilizing their research budgets in the most effective manner.

Administrative Services Branch

The Administrative Services Branch is responsible for the processing and recording of all departmental revenue and expenditures, including payrolls; and for the preparation, in consultation with other branches, of the Department's annual estimates.

All personnel transactions, including recruitment and position classification, are carried out by this branch in co-operation with the Department of the Civil Service. The branch also serves as the Department's purchasing agent.

During 1969-70 the office services section, including duplicating facilities, mail room and typing pool, was reorganized to meet the demands of dramatically increased activity throughout the Department. An increase in the

¹ As of Sept. 8, 1970.

number of accounting items processed has led to the re-organization of the accounting section of the branch. To handle the growing complexity of personnel work, a personnel officer is being added in 1970.

During the past year, a complete inventory has been made of all records and filing equipment, as a beginning to a records management program for the Department.

Office landscaping was introduced into the branch on an experimental basis with a view to the furnishing of the new departmental premises in the Mowat Block in 1971.

Architectural Services Branch

The Architectural Services Branch is responsible for the assessment and approval of requests for financial assistance for capital projects from all 14 provincially assisted universities.

In addition, in co-operation with the Department of Health and the Ontario Hospital Services Commission, it provides the technical expertise to allow the Senior Coordinating Committee to direct the orderly expansion of facilities for the training of manpower for the health sciences.

The Architectural Services Branch also provides resource services to the Committee on University Affairs in its deliberations, either alone or in sub-committee with other organizations, as it pursues its various endeavours such as the derivation of a capital formula, the introduction of building systems to the university construction scene and the yearly recommendations concerning capital allocations. (See introductory section, for a ten-year summary of capital support. Details of the capital formula are given in the companion report of the Committee on University Affairs.)

Finance Branch

The Finance Branch is involved not only in the operations of the programs of university support administered by the Department but also in the policy decisions that constantly have to be made as these programs are altered to meet the changing requirements of the universities and the province.

Both the amount of detail to be handled and its complexity tend to increase as control procedures are tightened, formula support becomes more sophisticated, and the public funds devoted to higher education escalate. In the 1969-70 fiscal year, operating support for universities and cultural institutions amounted to \$320 million (excluding health sciences) and, on capital account, to \$133 million;

and for 1970-71 the projected totals are \$379 million (operating) and \$110 million (capital). Details are provided in the introductory section of this report and in summary tables 26 to 33.

In addition to these administrative functions, senior staff in the branch are continually responding to requests from the Committee on University Affairs, from within the Department, and from other agencies of government, to study and assess, to analyse and interpret, and to adapt and improve upon various aspects of the university support programs. As an example, the Finance Branch provides research and secretariat functions on behalf of the CUA-CPUO Joint Subcommittee on Finance, which is responsible for the continuing development of the operating grants formula.

Administering the program of capital support is mainly the responsibility of the Architectural Services Branch. The Finance Branch is, however, concerned with monitoring and controlling the flow of capital funds within the allocations, according to the policies of capital assistance that have been established under the interim capital formula. Beyond this, the branch provides information and advice on capital matters to Architectural Services and to the Committee on University Affairs, based upon compilations of data solicited from the universities, studies and analyses of the existing programs of support, and, whenever changes in the existing program are contemplated, assessments of the consequences of such changes.

During 1969-70, general fiscal restraint within the provincial government directly affected the work of the Branch. Such restraint, which began over a year ago and shows no sign of diminishing, has led to increasing numbers of analytical studies concerning university operations and financing.

A number of major new responsibilities have been assumed by the branch. Examples are reporting requirements under the Federal-Provincial Fiscal Arrangements Act, the audit of enrolment in connection with the formula for operating grants, and matters relating to the financing and integration of university programs in teacher education.

Information Branch

The Information Branch is responsible for explaining to the press and public in general, and to the university community in particular, the operations and policies of the Department. The information provided includes details of the operating and capital formulas for university financing, enrolment data, details of courses and admission require-

ments, and information about financial assistance programs for students.

Members of the branch are in daily contact with the public through the press, correspondence and telephone inquiries. Close liaison is maintained with university information officers, registrars, student awards officers, and secondary school liaison officers. In the past year, members of the branch took part in university information programs at secondary schools in more than 100 districts across the province, to explain the student awards program to students, parents and guidance counsellors.

Departmental publications edited, produced and distributed by the Information Branch in 1969-70 included HORIZONS, a bilingual calendar of post-secondary educational opportunities in Ontario (140,000 copies); the annual reports of the Department of University Affairs and of the Committee on University Affairs (8,000 copies); a revised Student Awards brochure (225,000 English, 10,000 French); brochures on provincial scholarship and fellowship programs; and a booklet on grants in aid of research, in addition to press releases, budget documentation and speeches related to higher education in Ontario.

The Library

The Library, in co-operation with the Information Branch, has developed more efficient ways of giving service and dealing with reference questions and assignments. A division of work has been made between reference and technical services with the addition to the library staff, in June 1969, of a second librarian. This enables one librarian to devote full time to reference and administrative duties while the other handles the cataloguing, classification and other technical library services.

Purchases of books and reports increased substantially over last year. There was an emphasis on material in the subject areas of student awards, university government and studies of universities and colleges in other jurisdictions. The total collection now consists of:

Books (including reference)	2,177 volumes
Government documents, (not including debates of the provincial and federal legislatures)	2,317 items
University and college calendars, etc.	1,455 items
Current periodicals and newspapers	239 subscriptions
Back holdings of periodicals and newspapers (where not numbered in volumes, 1 year = 1 volume)	540 volumes

In addition to the totals listed are the many newspaper clippings, pamphlets and magazine articles which are filed by subject in special cabinets.

During 1969 the library staff was also involved in planning the university affairs section of the combined library and information centre which the Department of University Affairs will be sharing with the Department of Education in a new building scheduled for completion in 1971.

Research Branch

The Research Branch is responsible for studying those trends and developments in higher education that may have implications for the universities and colleges of the province. These studies include, for example, population growth, the proportion of students proceeding to higher education, projected needs for university facilities and academic personnel, and research data relating to accessibility and student awards.

Another important activity of the branch is the forecasting of enrolment both on a provincial and regional basis. These forecasts are made in cooperation with the provincially assisted universities and colleges, and comparisons are made with similar data available from other sources such as the Dominion Bureau of Statistics and the Ontario Department of Treasury and Economics.

Trends in higher education in Ontario are closely related to developments in other jurisdictions, particularly in other provinces of Canada, in certain states of the United States, and in the United Kingdom. The research officer is normally responsible for keeping the Department up to date on trends in other jurisdictions through the use of published materials and through consultation with officials of universities and organizations concerned with higher education in other provinces and countries.

The work of the Research Branch is closely co-ordinated with the activities of other branches of the Department.

Student Awards Branch

The Student Awards Branch, in co-operation with the student awards officers at the universities and colleges, administers the Ontario Student Awards Program and several other scholarship and fellowship programs under the jurisdiction of the Department.

Under the Ontario Student Awards Program, provincial grants or bursaries supplement the loans available to post-secondary students through the federally sponsored Canada Student Loans Plan. During 1969-70, nearly 60,000

students were assisted under the program with more than \$62,000,000 in loans and grants. (For details of financial aid to students, see the introductory section of this report and the statistical tables on student awards.)

During the first few years of the Awards Program's operation, most of the initial assessment was done at the universities and colleges. For 1970-71, the Program is being centralized and computerized to increase efficiency of assessment and to speed up the processing of applications. The student awards personnel at the institutions assist in editing and checking the applications and in the consideration of exceptional cases.

The Student Awards Branch continues to conduct research within the area of student financial assistance with a view to improving the effectiveness of the provincially sponsored program. To this end the Branch maintains close liaison with appropriate officials at the provincial and federal levels of government in Canada and exchanges information with other jurisdictions having programs of financial aid for students.

The Director of the branch serves as secretary of the Ontario Committee on Student Awards, the advisory body on policies relating to financial assistance to students in all areas of post-secondary education.



The term *provincially assisted universities* is used throughout this report to refer specifically to the 14 universities in Ontario which receive most of their financial support from the provincial government.

The following list of the provincially assisted universities includes significant dates in the history of each one.

Brock University was incorporated by letters patent in 1962 under its present name, and received degree-granting status through a legislative charter in 1964.

Carleton University was incorporated by letters patent in 1943 as Carleton College by the Ottawa Association for the Advancement of Learning. The present name dates from 1952, at which time the university was also given degree-granting powers through legislative charter.

University of Guelph was chartered under its present name and accorded degree-granting status in 1964. Its founding institutions are Ontario Veterinary College (established 1862), the Ontario Agricultural College (established in 1874) and Macdonald Institute (established in 1903).

Lakehead University was established as Lakehead Technical Institute in 1946, and incorporated as Lakehead College of Arts, Science and Technology in 1956. Under the latter name it received degree-granting powers in 1962 and three years later became Lakehead University.

Laurentian University of Sudbury was incorporated in 1960 by legislative charter as a non-denominational degree-granting institution. Its beginnings, however, go back as early as 1914, to the foundation of Sacred Heart College, now the University of Sudbury, a federated institution within Laurentian University. Huntington University and Thorneloe University are also federated institutions within the university.

McMaster University was incorporated through legislative charter in 1887, with Toronto Baptist College and Woodstock College forming the nucleus of the institution. In 1930, McMaster moved its campus from Toronto to Hamilton, and in 1957 became a non-denominational university.

University of Ottawa was founded in 1849 as the College of Bytown, which acquired degree-granting rights through a legislative charter in 1866. Its name was changed to the College of Ottawa in 1861, and to the University of Ottawa

in 1933. The university became a non-denominational institution on July 1, 1965.

Queen's University at Kingston was incorporated by Royal Charter in 1841 as Queen's College and has had full degree-granting powers since that time. The designation university was adopted in 1912.

University of Toronto was incorporated by Royal Charter in 1827 as King's College, and acquired its present name in 1849. In 1853 University College was established as its teaching centre. The university federated with Victoria University in 1890, with the University of Trinity College in 1904 and with St. Michael's College (now the University of St. Michael's College) in 1910.

Trent University was incorporated as Trent College in 1960 and received a degree-granting charter under its present name in 1963.

The University of Waterloo was incorporated through letters patent in 1956 as Waterloo College Associate Faculties. During its early years it was associated with Waterloo College, an affiliate of the University of Western Ontario. This association was terminated in 1959 when the University of Waterloo received its own legislative charter as a degree-granting institution, with the University of St. Jerome's College as a federated institution. At the same time Waterloo College was expanded into Waterloo Lutheran University.

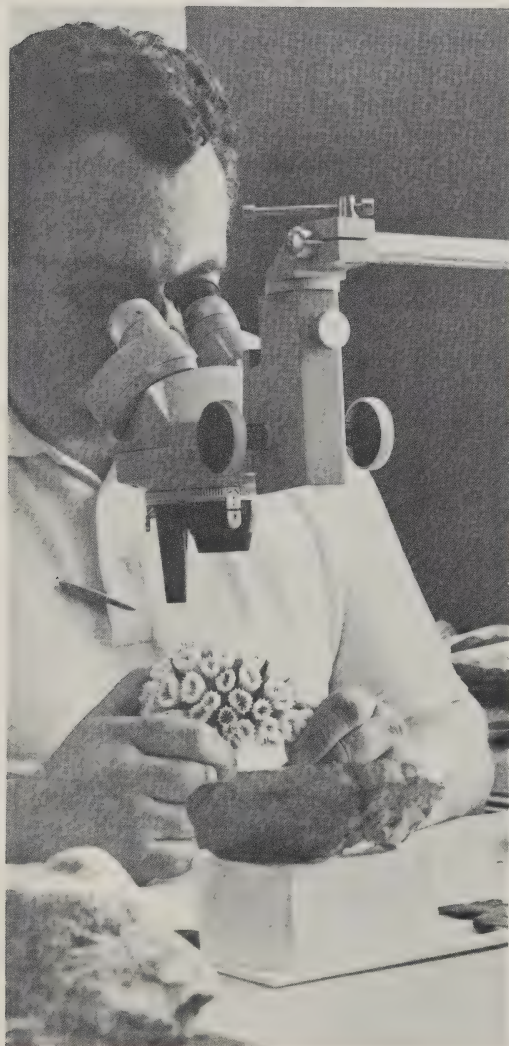
The University of Western Ontario was incorporated in 1878 as The Western University of London, with degree-granting powers. In 1908 it became a non-denominational institution. Its present name was adopted in 1923.

University of Windsor began as Assumption College in 1857. It was given degree-granting powers in 1953 and its name was changed to Assumption University of Windsor in 1956. Six years later, the University of Windsor was created as a non-denominational institution under its present name, with Assumption University of Windsor as a federated institution.

York University was chartered as a university by the Provincial Legislature in 1959, but held its degree-granting powers in abeyance until 1965. From 1960 to 1965 York was affiliated with the University of Toronto, and in 1966 granted its first degrees.

Brock University
St. Catharines, Ontario

Chancellor: Charles A. Sankey
Chairman, Board of Governors: D. Whiting Lathrop
President: James Alexander Gibson



In 1969, a mere five years after accepting its first students, Brock University was already celebrating a 200th anniversary, that of the birth of Sir Isaac Brock, after whom the university was named. The year was marked with several festivities, notably the formal opening of the new Thistle Complex by His Excellency the Rt. Hon. Roland Michener, Governor General of Canada.

The Thistle Complex contains a theatre, lecture halls, book store and print shop and is located at the foot of the Brock Tower on the 600-acre DeCew campus, high on the Niagara Escarpment overlooking St. Catharines. The science departments are housed on the Glenridge campus on the Lake Ontario plain below.

A new residence with accommodation for 460 students was completed in January 1970.

Faculties and Schools
Faculty of Arts and Science

Library
120,000 volumes; 20,000 bound periodicals; 1,850 current periodicals.

Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	•	•	1,633	18	1,651	772
1970-71 (projected)	•	•	•	2,039	27	2,066	866
1975-76 (forecast)	•	•	•	3,716 ²	159	3,875	1,489

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants		Principal and interest payments on debentures	Temporary accommodation grants	Capital assistance
		Per full time student taught	Per basic income unit			
1969-70 (actual)	\$4,793,152	\$2,903	\$2,067	\$984,779	\$229,500	\$2,620,000
1970-71 (projected)	\$5,149,594 ¹	\$2,493	\$1,804	\$1,213,410	•	\$1,909,000

¹Excludes grants in compensation for municipal taxation.

Operating revenue

	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	754	1,092	17.7	18.5
Gifts for operating purposes	27	•	.6	•
Endowment income	•	•	•	•
Other income	121	24	2.9	.4
Sub-total	902	1,116	21.2	18.9
Provincial grants	3,355	4,793	78.8	81.1
Total income	4,257	5,909	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards				
Loan portion	792	\$401,530	\$ 507	48.0%
Grant portion	766	343,955	449	46.4
Ontario Graduate Fellowships	5	7,500	1,500	.3
	797	\$752,985	•	48.3%



Carleton University

Colonel By Drive
Ottawa 1, Ontario

Chancellor: The Right Honourable Lester B. Pearson
Chairman, Board of Governors: D. A. Golden
President and Vice-Chancellor: Davidson Dunton

Carleton University is now in the midst of an extensive building program. Among the completed structures are the arts, science, and engineering buildings, a controlled environment complex for biology, a library, five residences and an athletic fieldhouse. The large University Centre was completed during the past year, and a 22-storey arts tower is under construction.

Also part of Carleton is the former St. Patrick's College, which is located on seven acres near the main Rideau River campus, and houses the Carleton University School of Social Work.

Carleton University was originally created in 1942 to provide war veterans with the years of education missed while in the forces. It gained degree-granting status in 1952 and seven years later moved to its permanent 136-acre Rideau River campus in south Ottawa.

Faculties and Schools

Faculty of Arts
Faculty of Science
Faculty of Engineering
Faculty of Graduate Studies
School of Commerce
School of Journalism
School of Public Administration
School of Architecture
School of International Affairs
School of Social Work
Institute of Canadian Studies

Library

Total items: 574,000 of which 430,000 are bound volumes.



Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	421	32	•	6,053	632	7,138	2,426
1970-71 (projected)	450	7	•	7,125	725	8,307	2,750
1975-76 (forecast)	•	•	•	11,165 ²	1,165	12,330	3,795

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants Per full time student taught	Per basic income unit	Principal and interest payments on debentures	Capital assistance
1969-70 (actual)	\$14,269,148	\$1,999	\$1,197	\$2,522,518	\$5,880,000
1970-71 (projected)	\$17,538,779 ¹	\$2,111	\$1,290	\$3,030,391	\$5,618,000

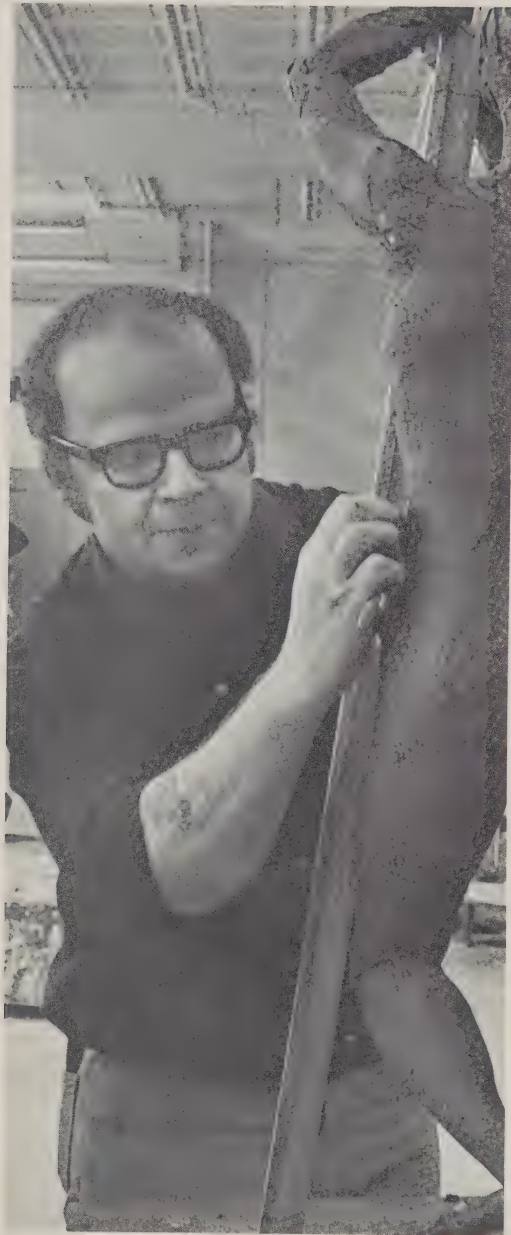
¹Excludes grants in compensation for municipal taxation.

Operating revenue

	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	3,726	4,427	24.2	23.2
Gifts for operating purposes	66	72	.4	.4
Endowment income	•	•	•	•
Other income	278	348	1.8	1.8
Sub-total	4,070	4,847	26.4	25.4
Provincial grants	11,337	14,269	73.6	74.6
Total income	15,407	19,116	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards				
Loan portion	2,345	\$1,325,168	\$ 565	32.9%
Grant portion	2,220	1,407,742	634	31.1
Ontario Graduate Fellowships	166	242,261	1,500	2.3
	2,511	\$2,975,171	•	35.2%



University of Guelph Guelph, Ontario

Chancellor: The Honourable G. A. Drew
Chairman, Board of Governors: R. S. Ritchie
President: W. C. Winegard

The University of Guelph has emerged as a unique university, reflecting the successful melding of a century-long tradition with the ideas, facilities and programs of the modern generation.

The university operates on a three-semester, year-round basis, with three admission dates for entering students, September, January and May. Students in most arts and science programs may attend one, two or three semesters per year, leaving time free for work or travel; some students choose to attend three semesters per year and may thus complete a traditional three-year program in two calendar years.

The campus occupies some 1,100 acres in the city of Guelph, where the academic and research buildings and residences are located. In addition, the university operates three agricultural research stations comprising 1,700 acres located within a 15-mile radius of the campus.

Since the founding of the university in 1964, major construction has included buildings for arts, animal science and nutrition, crop science, physical science and landscape architecture, and a library and residence buildings.

Early in 1970, a major reorganization of the academic administration was adopted by the university's Senate. Seven colleges were created from the existing four.

Colleges¹ and Schools

College of Arts
College of Biological Science
College of Family and Consumer Studies
College of Physical Science
College of Social Science
Ontario Agricultural College
Ontario Veterinary College
School of Engineering
School of Landscape Architecture
School of Physical Education
School of Hotel and Food Administration

Library

350,000 volumes

¹Reorganization of colleges effective as of July 1, 1970 except for the College of Biological Science which comes into effect as of January 1, 1971.

Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	252	8	5,120	542	5,922	2,012 ¹
1970-71 (projected)	•	300	11	5,601	642	6,554	1,960 ¹
1975-76 (forecast)	•	•	•	8,556 ²	1,235	9,791	2,145 ³

¹Freshman intake into post grade 13 programs, representing the total number of students (in their first or second trimester) present in the fall.

²Includes enrolment in diploma and other undergraduate non-degree programs.

³This figure represents freshmen intake in September only, not total first year enrolment.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants Per full time student taught	Per basic income unit	Principal and interest payments on debentures	Capital assistance
1969-70 (actual)	\$16,544,815	\$2,533	\$1,333	\$2,987,921	\$6,525,000
1970-71 (projected)	\$19,463,215 ¹	\$2,683	\$1,419	\$3,552,613	\$1,045,000

¹Excludes grants in compensation for municipal taxation.

Operating revenue

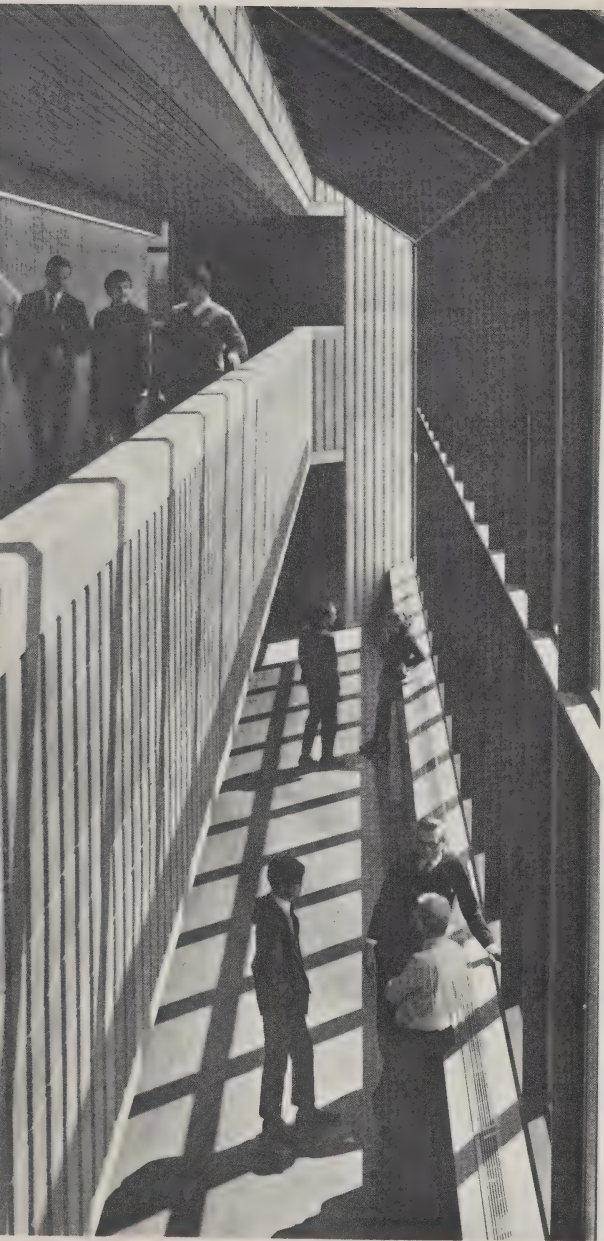
	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	2,713	3,144	16.1	15.7
Gifts for operating purposes	129	125	.8	.6
Endowment income	•	•	•	•
Other income	394	281	2.3	1.4
Sub-total	3,236	3,550	19.2	17.7
Provincial grants	13,589	16,545	80.8	82.3
Total income	16,825	20,095	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body ¹ receiving
Ontario Student Awards				
Loan portion	3,941	\$2,232,670	\$ 567	60.0%
Grant portion	3,905	2,588,199	663	59.8
Ontario Graduate Fellowships	108	155,390	1,500	1.7
	4,049	\$3,649,430	•	61.7%

¹The FTE enrolment figure of 6,533 has been used in calculating these percentages.





Lakehead University

Oliver Road

Thunder Bay, Ontario

Chancellor: Senator the Honourable Norman McLeod
Paterson

Chairman, Board of Governors: John Murray Fleming
President and Vice-Chancellor: William Gordon Tamblyn

Lakehead University is the only university in the 1,000-mile stretch between Winnipeg, Manitoba and Sudbury, Ontario. It is situated on a 300-acre site overlooking Lake Superior and the new amalgamated city of Thunder Bay—formerly Port Arthur and Fort William. Lakehead has grown rapidly from the time it received full university status in 1965 to its present 30 million dollar campus and 3,000 full time students. Lakehead is attempting to create a unique educational experience based on a close, student-faculty relationship, and yet offering all the challenge and scope of Ontario's vast northwestern region.

The 14 million dollar Centennial Building houses the science and technology departments. Among the other noteworthy Lakehead facilities are the 600-bed residence village, the University Centre with theatre, cafeteria and lounges, a student shopping mall, a television studio, an IBM 360 Model 50 computer, and interdisciplinary research field station on a wilderness lake.

Faculties and Schools

Faculty of Arts

Faculty of Education

Faculty of Science

School of Business Administration

School of Engineering

School of Forestry

School of Library Technology

School of Nursing

School of Physical and Health Education

Library

130,000 volumes; 3,500 to 4,500 unbound periodicals

Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	540	•	1,781	42	2,363	828
1970-71 (projected)	•	603	•	2,091	55	2,749	931
1975-76 (forecast)	•	•	•	3,937 ²	133	4,070	1,277

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Operating grants			Principal and interest payments on debentures	Temporary accommodation grants	Capital assistance
	Grants towards operating expenditure	Per full time student taught	Per basic income unit			
1969-70 (actual)	\$5,588,019	\$2,365	\$1,573	\$1,355,283	\$75,000	\$6,015,000
1970-71 (projected)	\$6,417,065 ¹	\$2,334	\$1,565	\$1,874,874	•	\$1,766,000

¹Excludes grants in compensation for municipal taxation and grants for programs in education.

Operating revenue

	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	1,187	1,485	20.6	20.9
Gifts for operating purposes	•	•	•	•
Endowment income	•	•	•	•
Other income	98	25	1.7	.4
Sub-total	1,285	1,510	22.3	21.3
Provincial grants	4,468	5,588	77.7	78.7
Total income	5,753	7,098	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards				
Loan portion	1,329	\$736,015	\$ 554	56.2%
Grant portion	1,300	892,000	686	55.0
Ontario Graduate Fellowships	7	10,500	1,500	.3
	1,336	\$1,638,515 ¹	•	56.5%

¹This figure does not include \$89,750 in College of Education Fellowships at \$500 each which were awarded to 182 students. Some of these students also received assistance under the Ontario Student Awards Program.



Chairman, Board of Governors: W. J. Shea
President: Stanley G. Mullins¹

Laurentian University, a bilingual institution, was established in 1960 to serve the province in general and the particular requirements of Northern Ontario. The church related colleges, Huntington, Thorneloe and Sudbury, together with University College, comprise the Faculty of Arts and Science. The four college residences can accommodate 650 students. Three affiliated colleges – Algoma College in Sault Ste. Marie, Nipissing College in North Bay, and le Collège de Hearst in Hearst – are also constituent colleges of Laurentian's Faculty of Arts and Science. In addition to the Faculty of Arts and Science, the Institute of Astronomy and the Institute for Fine Particle Research, there are six professional schools, and the School of Graduate Studies.

The 11-storey Laurentian Tower houses offices, the book store and the library. It dominates the rugged 800-acre campus which touches on five lakes. An enrolment of 2,150 full time undergraduate and graduate students is expected for the academic year 1970-71.

Faculties and Schools

Faculty of Arts and Science
School of Commerce and Administration
School of Engineering
School of Graduate Studies
School of Nursing
School of Physical and Health Education
School of Social Work
School of Translators and Interpreters

Library

140,000 volumes; 4,000 periodicals.



¹Roland J.A. Cloutier was appointed Acting President effective July 1, 1970.

Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	•	•	1,817	5	1,822	726
1970-71 (projected)	•	•	•	2,243	23	2,266	1,057
1975-76 (forecast) ³	•	•	•	3,900 ²	115	4,015	1,444

¹Freshman intake into post grade 13 degree programs.

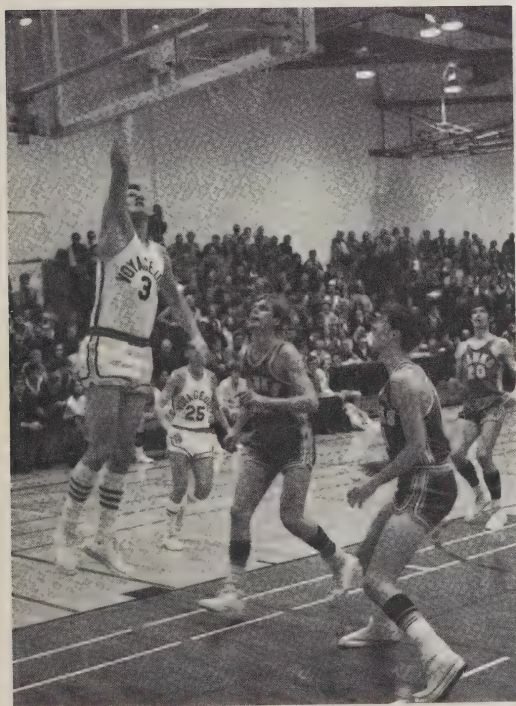
²Includes enrolment in diploma and other undergraduate non-degree programs.

³Represents the teaching service performed by Laurentian University, rather than the total campus enrolment.

Operating and capital support

Year	Operating grants		Principal and interest payments on debentures	Temporary accommodation grants	Capital assistance
	Grants towards operating expenditure	Per full time student taught			
1969-70 (actual)	\$4,315,594	\$2,627	\$1,659	\$189,000	\$2,060,000
1970-71 (projected)	\$5,345,515 ¹	\$2,599	\$1,577	•	\$1,859,000

¹Excludes grants in compensation for municipal taxation.

Operating revenue¹

	1968-69	Estimated	Percentage of	
	1968-69	1969-70	1968-69	1969-70
	\$000's	\$000's		
Student fees	1,265	1,502	22.8	21.8
Gifts for operating purposes	25	18	.4	.3
Endowment income	•	•	•	•
Other income	386	411	7.0	5.9
Sub-total	1,676	1,931	30.2	28.0
Provincial grants	3,870	4,959	69.8	72.0
Total income	5,546	6,890	100.0	100.0

¹Includes Algoma and Nipissing.

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards				
Loan portion	1,336	\$742,285	\$ 556	65.6%
Grant portion	1,309	834,070	637	64.3
Ontario Graduate Fellowships	3	4,500	1,500	.1
	1,339	\$1,580,855	•	65.7%

Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	•	•	141	•	141	141
1970-71 (projected)	•	•	•	200	•	200	200
1975-76 (forecast)	•	•	•	600 ²	•	600	600

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating support

Year	Grants towards operating expenditure	Per full time student taught	Per basic income unit
1969-70 (actual)	\$442,650	\$3,139	\$1,076
1970-71 (projected)	\$535,150 ¹	\$2,676	\$1,170

¹Excludes grants in compensation for municipal taxation.



Nipissing**Full time enrolment**

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	•	•	73	•	73	73
1970-71 (projected)	•	•	•	100	•	100	100
1975-76 (forecast)	•	•	•	225 ²	•	225	225

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating support

Year	Grants towards operating expenditure	Per full time student taught	Per basic income unit
1969-70 (actual)	\$201,177	\$2,756	\$1,076
1970-71 (projected)	\$292,500 ¹	\$2,925	\$1,170

¹Excludes grants in compensation for municipal taxation.



McMaster University Hamilton, Ontario

Chancellor: D'Arcy Argue Counsell Martin
Chairman, Board of Governors: R. B. Taylor
President and Vice-Chancellor: Henry G. Thode

McMaster University is the site of Ontario's fifth medical school, and although the huge 65 million dollar Health Sciences Centre has not yet been completed, the university enrolled its first medical students in September 1969.

The university is bordered by the parkland of the Royal Botanical Gardens. On its campus are some of the most advanced scientific and engineering facilities available at a Canadian university, including the only critical nuclear reactor on a Canadian campus, a large research computer and a nuclear accelerator for research and graduate studies.

Significant additions were made during 1969 to McMaster's Mills Memorial Library: the acquisition of about 800 manuscripts and letters of Samuel Beckett, author and playwright, just before Beckett was awarded the Nobel prize for literature; the papers and documents of the now defunct Canadian Union of Students; the Barry Brown collection of rare 18th century volumes.

Faculties and Schools

Faculty of Business
Faculty of Engineering
Faculty of Humanities
Faculty of Medicine
Faculty of Science
Faculty of Social Sciences
Faculty of Theology
School of Business
School of Graduate Studies
School of Nursing
School of Physical Education
School of Social Work

Library

650,000 volumes; 5,000 periodicals



Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	•	148	5,745	1,063	6,956	2,026
1970-71 (projected)	•	•	125	6,375	1,220	7,720	2,225
1975-76 (forecast)	•	•	•	9,953 ²	2,312	12,265	3,658

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants Per full time student taught	Per basic income unit	Principal and interest payments on debentures	Capital assistance ¹
1969-70 (actual)	\$20,355,138	\$2,938	\$1,423	\$2,587,624	\$20,525,000
1970-71 (projected)	\$24,001,398 ²	\$3,121	\$1,503	\$4,409,633	\$ 9,670,000

¹Includes health sciences facilities in 1969-70. No health sciences funds are included for 1970-71.

²Excludes grants in compensation for municipal taxation.



Operating revenue

	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	4,134	4,268	17.7	16.3
Gifts for operating purposes	24	25	.1	.1
Endowment income	150	140	.7	.5
Other income	1,615	1,455	6.9	5.5
Sub-total	5,923	5,888	25.4	22.4
Provincial grants	17,434	20,355	74.6	77.6
Total income	23,357	26,243	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards				
Loan portion	2,573	\$1,323,495	\$ 514	37.0%
Grant portion	2,468	1,174,900	476	35.5
Ontario Graduate Fellowships	238	348,459	1,500	3.4
	5,279	\$2,846,854	•	40.4%

University of Ottawa
Université d'Ottawa
 Ottawa, Ontario

Chancellor: The Honourable Madame Georges P. Vanier
 Chairman, Board of Governors: Roger Seguin
 Rector: Roger Guindon, OMI

University of Ottawa, in the heart of Canada's bilingual capital, is Canada's oldest (established 1848) bilingual university with most of its programs available in English and French. Its Faculty of Law is the only one in Canada which prepares lawyers for practice in Canada's two legal systems, the civil law of Quebec and the common law of the English-speaking provinces. Several years ago the expansion of the university was deliberately halted in order that a development plan could be found to weld the existing buildings into an organic campus taking full advantage of its beautiful canalside location. Construction under this new program began in 1969 and is expected to provide space for 10,500 full time students within the next ten years.

The university was founded and administered for almost 120 years by the Oblate Fathers who in 1965 transferred control to an independent corporation.

Faculties and Schools

Faculty of Arts and Commerce
 Faculty of Education
 Faculty of Law (Common Law and *Droit civil* sections)
 Faculty of Management Sciences
 Faculty of Medicine
 Faculty of Philosophy
 Faculty of Psychology
 Faculty of Science and Engineering
 Faculty of Social Sciences
 School of Hospital Administration
 School of Library Science
 School of Nursing
 School of Physical Education and Recreation
 School of Social Welfare (program suspended pending reorganization)

Library

351,194 volumes; 108,626 periodicals; 38,328 microfilms;
 16,962 official documents; 31,785 maps.



Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	295	403	230	5,266	1,037	7,231	1,349
1970-71 (projected)	250	476	210	5,699	1,108	7,743	1,385
1975-76 (forecast) ³	.	.	.	7,757 ²	1,999	9,756	1,749

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

³Excludes enrolment at church-related affiliates.

Operating and capital support

Year	Operating grants		Principal and interest payments on debentures	Temporary accommodation grants	Capital assistance ¹
	Grants towards operating expenditure	Per full time student taught			
1969-70 (actual)	\$20,603,114	\$3,093	\$1,401	\$1,524,019	\$ 7,860,000
1970-71 (projected)	\$23,020,564 ²	\$3,223	\$1,485	\$2,230,651	\$15,510,000

¹Includes health sciences facilities in 1969-70. No health sciences funds are included for 1970-71.

²Excludes grants in compensation for municipal taxation and grants for programs in education.

Operating revenue

	1968-69	Estimated	Percentage of total income	
	\$000's	1969-70 \$000's	1968-69	1969-70
Student fees	4,052	4,309	16.8	17.0
Gifts for operating purposes	95	97	.4	.4
Endowment income	.	.	.	.
Other income	1,972	361	8.1	1.4
Sub-total	6,119	4,767	25.3	18.8
Provincial grants	18,044	20,603	74.7	81.2
Total income	24,163	25,370	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards				
Loan portion	1,678	\$ 989,275	\$ 590	23.2%
Grant portion	1,551	1,040,805	671	21.4
Ontario Graduate Fellowships	231	338,000	1,500	3.2
	1,909	\$2,368,080 ¹	.	26.4% ²

¹This figure does not include \$175,860 in College of Education Fellowships at \$500 each which were awarded to 355 students. Some of these students also received assistance under the Ontario Student Awards Program.

²This percentage does not include 1,281 students who received assistance from the Student Loans and Bursaries Service of the Province of Quebec during the 1969-70 academic year. (Loans—\$822,120; bursaries—\$550,590.)



52 **Queen's University**
Kingston, Ontario

Chancellor: J. B. Stirling
Chairman, Board of Trustees: J. Douglas Gibson
Principal and Vice-Chancellor: John J. Deutsch

Queen's University is non-denominational and co-educational, academically venerable and yet new in physical terms. The main campus, consisting of 24 academic and 11 non-academic buildings and eight residences, is situated in a park-like setting on Lake Ontario. Campus life is enriched by an art centre, a theatre, one of Ontario's most modern arena-gymnasium complexes, a computing centre, language laboratories, an international centre, and in terms of books per student, Canada's largest university library. At Queen's, student self-government and participation in all aspects of university life is as much a long-standing tradition as the old school songs, freshman tams and tartans, and the last minute Golden Gael football triumphs.

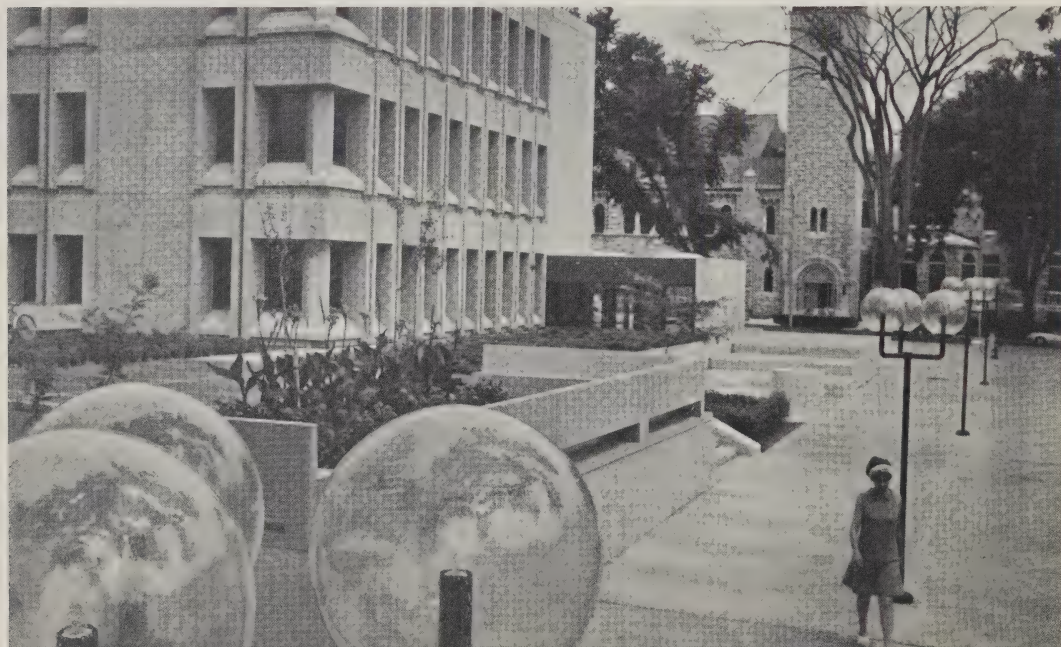
The university was founded in 1841 and had a modest beginning in a small rented house on a side street. From those days of two professors and ten students, Queen's has grown to a full time enrolment of 7,800 students and 723 faculty. There are approximately 3,329 students taking credit courses extramurally and 5,492 taking non-degree courses.

Faculties and Schools

Faculty of Arts and Science
Faculty of Applied Science
Faculty of Medicine
Faculty of Law
McArthur College of Education
School of Business
School of Nursing
School of Physical and Health Education
School of Rehabilitation Therapy
School of Graduate Studies
School of Urban and Regional Planning
School of Public Administration
Queen's Theological College

Library

803,000 volumes; 300,000 other items



Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	102	171	6,132	933	7,338	1,727
1970-71 (projected)	•	118	177	6,388	1,060	7,743	1,830
1975-76 (forecast)	•	•	•	7,668 ²	1,870	9,538	2,055

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants Per full time student taught	Per basic income unit	Principal and interest payments on debentures	Capital assistance ¹
1969-70 (actual)	\$20,139,660	\$2,759	\$1,301	\$1,668,804	\$7,540,000
1970-71 (projected)	\$23,153,533 ²	\$3,005	\$1,399	\$2,330,289	\$8,630,000

¹Includes health sciences facilities in 1969-70. No health sciences funds are included for 1970-71.

²Excludes grants in compensation for municipal taxation and grants for programs in education.

Operating revenue

	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	4,312	4,675	20.2	18.3
Gifts for operating purposes	291	342	1.4	1.3
Endowment income	46	243	.2	1.0
Other income	159	215	.7	.8
Sub-total	4,808	5,475	22.5	21.4
Provincial grants	16,535	20,140	77.5	78.6
Total income	21,343	25,615	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards				
Loan portion	2,484	\$1,384,325	\$ 557	33.9%
Grant portion	2,419	1,572,595	650	33.0
Ontario Graduate Fellowships	225	327,750	1,500	3.1
	2,709	\$3,284,670 ¹	•	37.0%

¹This figure does not include \$108,750 in College of Education Fellowships at \$500 each which were awarded to 218 students. Some of these students also received assistance under the Ontario Student Awards Program.



University of Toronto Toronto, Ontario

Chancellor: O. M. Solandt

Chairman, Board of Governors: O. D. Vaughan

President: Claude Bissell

The New Program in Arts and Science at the University of Toronto was introduced to the 11,500 full-time undergraduate students in the Faculty in 1969-70. Beginning with first and second years, and to be extended to third and fourth years later, the New Program offers students access to the greatest possible range of academic resources for the development and fulfilment of their intellectual interests and abilities.

During the year, alumni, administrators, teachers, and the more than 26,000 full-time students in all faculties, colleges and schools were involved in a campus-wide debate on sweeping reforms of the governing structure of the university, as recommended by its Commission on University Government.

Physical expansion continued apace. Construction of the Humanities and Social Sciences Research Library, which will include components for the School of Library Science and space for an Ontario universities' bibliographic and study centre, was under way. Also under construction was the first phase of the Erindale College complex. Construction on the second phase of Scarborough College is expected to begin next year.

Nearly 68,000 people study in one way or another at the University of Toronto: 34,500 full-time and part-time winter session students; 11,000 summer students, and 22,000 taking non-credit programs.

Faculties and Schools

Faculty of Arts and Science
Faculty of Applied Science and Engineering
Faculty of Dentistry
Faculty of Food Sciences
Faculty of Forestry
Faculty of Law
Faculty of Medicine
Faculty of Music
Faculty of Pharmacy
Faculty of Architecture, Urban and Regional Planning,
and Landscape Architecture
School of Business
School of Hygiene
School of Library Science
School of Music and Opera
School of Nursing
School of Physical and Health Education
School of Social Work
School of Graduate Studies
College of Education

Library

The library collection exceeds three million volumes, 414,000 microtexts, 137,350 maps, sheet music, long playing phonograph records, MS titles and aerial photographs and other non-book items. These figures include the holdings of the central university library, more than 45 libraries in colleges, faculties and departments of the university, and the libraries of federated, affiliated and related institutions.



Full time enrolment¹

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ²
1969-70 (actual)	61	519	952	16,128	4,018	21,678	4,146
1970-71 (projected)	•	536	787	16,456	4,266	22,045	4,140
1975-76 (forecast)	•	•	•	16,420 ³	5,310	21,730⁴	3,500 ⁴

¹Includes enrolment in theological colleges.

²Freshman intake into post grade 13 degree programs.

³Includes enrolment in diploma and other undergraduate non-degree programs.

⁴Represents the teaching service performed by the University of Toronto, rather than total campus enrolment.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants Per full time student taught	Per basic income unit	Principal and interest payments on debentures ¹	Capital assistance ²
1969-70 (actual)	\$64,842,813	\$3,302	\$1,369	\$5,546,171	\$16,485,000
1970-71 (projected)	\$72,840,864 ³	\$3,652	\$1,460	\$7,684,213	\$17,983,000

¹Principal and interest payments on debentures include payments for Erindale and Scarborough.

²Includes health sciences facilities in 1969-70. No health sciences funds are included for 1970-71.

³Excludes grants in compensation for municipal taxation and grants for programs in education.

Operating revenue¹

	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	10,884	11,553	14.1	13.3
Gifts for operating purposes	127	345	.2	.4
Endowment income	550	537	.7	.6
Other income	3,153	3,644	4.1	4.2
Sub-total	14,714	16,079	19.1	18.5
Provincial grants	62,300	70,869	80.9	81.5
Total income	77,014	86,948	100.0	100.0

¹Includes Scarborough and Erindale.

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards¹				
Loan portion	8,359	\$ 4,414,005	\$ 528	34.2%
Grant portion	7,939	4,158,350	524	32.5
Ontario Graduate Fellowships				
	961	1,356,297	1,500	3.9
	9,320	\$9,928,652 ²	•	38.1%

¹Includes Scarborough and Erindale.

²This figure does not include \$968,762 in College of Education Fellowships at \$500 each which were awarded to 1,982 students. Some of these students also received assistance under the Ontario Student Awards Program.





Scarborough

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Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	•	•	1,832	•	1,832	918
1970-71 (projected)	•	•	•	1,700	•	1,700	655
1975-76 (forecast)	•	•	•	4,450 ²	•	4,450	2,000

¹Freshman intake into post grade 13 programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants Per full time student taught	Per basic income unit	Capital assistance
1969-70 (actual)	\$3,515,319	\$1,919	\$1,436	\$550,000
1970-71 (projected)	\$3,704,922 ¹	\$2,179	\$1,557	\$2,078,000

¹Excludes grants in compensation for municipal taxation.

Erindale

Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	•	•	906	•	906	546
1970-71 (projected)	•	•	•	1,500	•	1,500	860
1975-76 (forecast)	•	•	•	3,700 ²	•	3,700	1,550

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants Per full time student taught	Per basic income unit	Capital assistance ¹
1969-70 (actual)	\$2,511,160	\$2,772	\$2,070	\$6,905,000
1970-71 (projected)	\$3,426,432 ¹	\$2,284	\$1,785	\$6,649,000

¹Excludes grants in compensation for municipal taxation.

Chancellor: The Honourable Leslie M. Frost
Chairman, Board of Governors: Hugh F. Waddell
President and Vice-Chancellor: Thomas H. B. Symons

Trent University, chartered in 1963, is a small institution with no ambitions to become large. It is noted for the close student/faculty relationship which has been developed through the university's unique teaching methods and its college system.

The university comprises four residential colleges, two of which are on the permanent campus at the northern edge of the city of Peterborough. Also at the permanent site are a science building, the main library and a "staging" building which serves the departments of biology and psychology. During 1969-70 an inflatable athletic building

was put into use for the first time, providing some 23,000 square feet of space that can be used during the winter months.

Two other colleges – Peter Robinson College for men and women, and Catharine Parr Traill College for women – are located in the centre of the city, as is an academic and administrative complex.

Library
145,000 volumes; 1,550 periodicals



Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	•	•	1,282	5	1,287	583
1970-71 (projected)	•	•	•	1,540	10	1,550	685
1975-76 (forecast)	•	•	•	3,050 ²	12	3,062	1,525

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Operating grants			Principal and interest payments on debentures	Temporary accommodation grants	Capital assistance
	Grants towards operating expenditure	Per full time student taught	Per basic income unit			
1969-70 (actual)	\$3,803,878	\$2,956	\$2,163	\$1,433,125	\$218,000	\$ 990,000
1970-71 (projected)	\$4,459,955 ¹	\$2,877	\$2,160	\$1,518,867	•	\$1,506,000

¹Excludes grants in compensation for municipal taxation.

Operating revenue

	1968-69	Estimated 1969-70	Percentage of total income	
	\$000's	\$000's	1968-69	1969-70
Student fees	585	733	15.3	15.7
Gifts for operating purposes	66	56	1.7	1.2
Endowment income	15	14	.4	.3
Other income	39	45	1.0	1.0
Sub-total	705	848	18.4	18.2
Provincial grants	3,127	3,804	81.6	81.8
Total income	3,832	4,652	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards				
Loan portion	633	\$344,490	\$ 544	49.2%
Grant portion	625	380,470	609	48.6
Ontario Graduate Fellowships	3	4,500	1,500	.2
	636	\$729,460	•	49.4%



University of Waterloo Waterloo, Ontario

Chancellor: Ira G. Needles

Chairman, Board of Governors: C. A. Pollock

President (pro tem): H. E. Petch¹

At the University of Waterloo, a readiness to experiment has resulted in fresh approaches to traditional courses and the development of new programs at undergraduate and graduate levels. The new Division of Environmental Studies helps answer man's need to understand his rapidly changing environment and his place within it. Also new is an unstructured program of integrated studies – unique in Canada – in which students and faculty work together to create a viable curriculum. The Faculty of Engineering this year is introducing a new program of systems design.

Waterloo's undergraduate programs are offered on both the traditional eight-month basis and the year-round co-operative system which permits students to spend alternating four month terms on and off campus. The off-campus terms are spent working in industry, government and service agencies. The university also has an extensive program of graduate studies and boasts Canada's only English-language School of Optometry.

The university is located in the northwest part of Waterloo on 1,000 acres and includes 25 major buildings on an attractively landscaped campus.

Academic Divisions

Faculty of Arts

Faculty of Science

School of Optometry

Faculty of Engineering

Faculty of Mathematics

School of Physical Education and Recreation

Division of Environmental Studies

School of Architecture

School of Urban and Regional Planning

Program in Integrated Studies

Library

360,000 volumes; 4,000 serials; including holdings of Arts

Library and Engineering and Science Library

¹ B. C. Matthews became president of the University of Waterloo effective July 1, 1970.



Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	10	•	9,382	1,271	10,663	3,400
1970-71 (projected)	•	•	•	10,610	1,375	11,985	3,423
1975-76 (forecast) ³	•	•	•	11,290 ²	1,834	13,124	3,404

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

³Represents the teaching service performed by the University of Waterloo, rather than the total campus enrolment.

Operating and capital support

Year	Operating grants		Principal and interest payments on debentures		Temporary accommodation grants	Capital assistance
	Grants towards operating expenditure	Per full time student taught	Per basic income unit			
1969-70 (actual)	\$24,470,336	\$2,583	\$1,304	\$3,792,643	\$85,600	\$6,530,000
1970-71 (projected)	\$28,654,054 ¹	\$2,719	\$1,396	\$4,363,868	•	\$6,022,000

¹Excludes grants in compensation for municipal taxation.

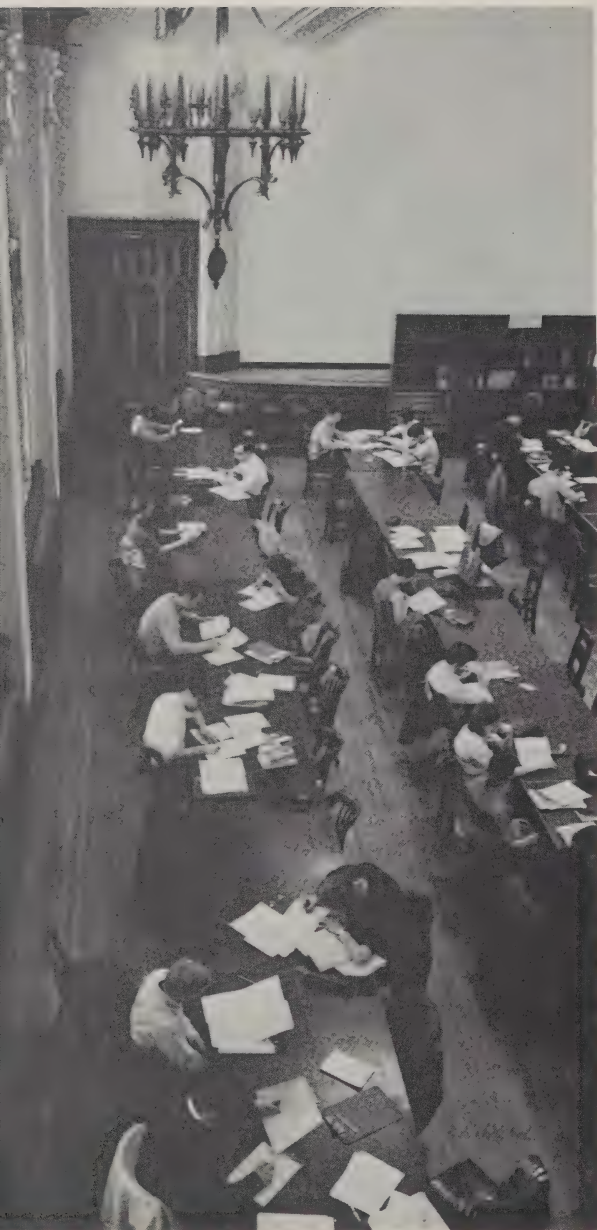


Operating revenue

	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	4,238	5,070	16.9	16.4
Gifts for operating purposes	34	10	.1	.0
Endowment income	•	•	•	•
Other income	1,491	1,378	5.9	4.5
Sub-total	5,763	6,458	22.9	20.9
Provincial grants	19,356	24,470	77.1	79.1
Total income	25,119	30,928	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student	% of student body receiving
Ontario Student Awards				
Loan portion	4,114	\$2,201,710	\$ 535	38.6%
Grant portion	3,939	1,952,350	496	36.9
Ontario Graduate Fellowships	293	432,250	1,500	2.7
	4,407	\$4,586,310	•	41.3%



The University of Western Ontario London, Ontario

Chancellor: A. W. Trueman
Chairman, Board of Governors: J. J. Jeffery
President and Vice-Chancellor: D. C. Williams

Western today is a growing university serving 12,000 full-time students, and 7,000 part-time and summer school students. With 50 buildings on its 500 acres, campus facilities are still expanding.

Western tomorrow will have still more facilities with a new university teaching hospital, a new library and an addition to the engineering science building. Also planned are a social science complex, a music building, a community centre, and additions or new buildings for administrative services.

The university came into being in 1878 as The Western University of London, and has been co-educational since the beginning. In 1923 its name was changed to The University of Western Ontario. Its governing structure was reorganized in 1967 under the University of Western Ontario Act, which is currently under review.

Faculties and Schools

Faculty of Arts
Faculty of Dentistry
Faculty of Engineering Science
Faculty of Graduate Studies
Faculty of Law
Faculty of Medicine
Faculty of Music
Faculty of Nursing
Faculty of Science
Faculty of Social Science
School of Business Administration
School of Library and Information Science
Althouse College of Education
Huron College*
Brescia College*
King's College*

Library

More than 750,000 volumes

**Affiliated colleges.*

Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	22	15	228	9,911	1,448	11,624	3,576
1970-71 (projected)	20	12	294	11,440	1,658	13,424	3,990
1975-76 (forecast) ³	.	.	.	14,103 ²	2,461	16,564	4,225

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

³Represents the teaching service performed by the University of Western Ontario, rather than the total campus enrolment.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants Per full time student taught	Per basic income unit	Principal and interest payments on debentures	Capital assistance ¹
1969-70 (actual)	\$27,318,140	\$2,601	\$1,315	\$2,061,183	\$ 5,125,000
1970-71 (projected)	\$33,069,418 ²	\$2,705	\$1,383	\$2,506,811	\$11,691,000

¹Includes health sciences facilities in 1969-70. No health sciences funds are included for 1970-71.

²Excludes grants in compensation for municipal taxation and grants for programs in education.

Operating revenue

	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	5,260	5,932	17.4	16.8
Gifts for operating purposes	409	468	1.4	1.3
Endowment income	236	35	.8	.1
Other income	3,576	1,674	11.8	4.7
Sub-total	9,481	8,109	31.4	22.9
Provincial grants	20,729	27,318	68.6	77.1
Total income	30,210	35,427	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	Average per student receiving	% of student body
Ontario Student Awards				
Loan portion	4,741	\$2,551,355	\$ 538	40.8%
Grant portion	4,573	2,479,855	542	39.3
Ontario Graduate Fellowships	284	410,250	1,500	2.4
	5,025	\$5,441,460 ¹	.	43.2%

¹This figure does not include \$320,000 in College of Education Fellowships at \$500 each which were awarded to 652 students. Some of these students also received assistance under the Ontario Student Awards Program.



Chancellor: J. Keiller MacKay¹
Chairman, Board of Governors: G. Malcolm Morton, M.D.
President and Vice-Chancellor: J. Francis Leddy.

To meet the demands of a rapidly expanding enrolment, the University of Windsor is now housed in 22 buildings, including a newly completed law school and a library extension. Recent program additions include a new department of Germanic and Slavic studies and more extensive courses in the humanities and social sciences.

Now a non-denominational co-educational institution, the university combines the federated Assumption University – which was founded more than 100 years ago – and three affiliated colleges, Holy Redeemer College, Canterbury College and Iona College. The university is located on a 100-acre campus on the south bank of the Detroit River in the shadow of the Ambassador Bridge which connects Windsor with Detroit.

Faculties and Schools

Faculty of Arts and Science
Faculty of Applied Science
Faculty of Business Administration
Faculty of Graduate Studies
Faculty of Law
Faculty of Physical and Health Education
School of Dramatic Art
School of Nursing
School of Social Work

Library

350,000 volumes

¹Died June, 1970. His successor has not been appointed.



Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	110	34	•	4,494	382	5,020	1,567
1970-71 (projected)	126	36	•	5,138	442	5,742	1,745
1975-76 (forecast)	•	•	•	8,302 ²	862	9,164	2,732

¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants Per full time student taught	Per basic income unit	Principal and interest payments on debentures	Capital assistance
1969-70 (actual)	\$11,278,734	\$2,247	\$1,236	\$1,523,374	\$5,575,000
1970-71 (projected)	\$13,661,534 ¹	\$2,379	\$1,317	\$2,013,645	\$5,841,000

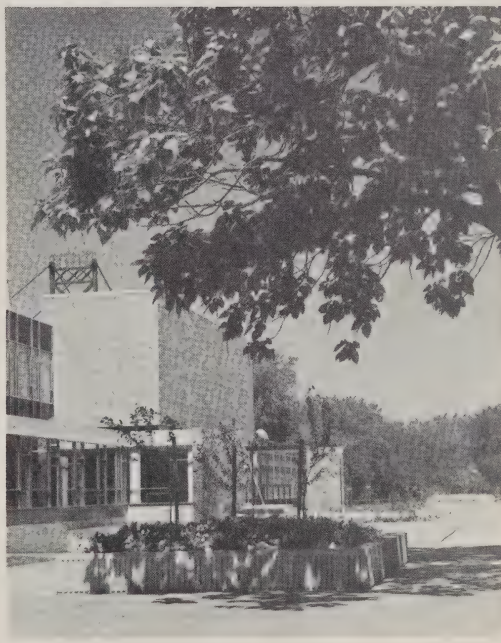
¹Excludes grants in compensation for municipal taxation.

Operating revenue

	1968-69 \$000's	Estimated 1969-70 \$000's	Percentage of total income	
			1968-69	1969-70
Student fees	2,998	3,618	25.4	24.1
Gifts for operating purposes	52	•	.4	•
Endowment income	•	•	•	•
Other income	104	101	.9	.7
Sub-total	3,154	3,719	26.7	24.8
Provincial grants	8,648	11,279	73.3	75.2
Total income	11,802	14,998	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	% of average student per body student receiving	
Ontario Student Awards				
Loan portion	2,445	\$1,393,410	\$ 570	48.7%
Grant portion	2,368	1,570,295	663	47.2
Ontario Graduate Fellowships	95	141,750	1,500	1.9
	2,540	\$3,105,455	•	50.6%



York University

4700 Keele Street
Toronto, Ontario

Chancellor: Floyd S. Chalmers

Chairman, Board of Governors: William Pearson Scott

President: Murray G. Ross¹

York University has as its long term objective the continuing development of its three major academic projects. They are the multi-faculty university at the main York campus; the small, predominantly residential, liberal arts college on the Glendon campus; and a distinctive academic program for part-time degree students at the Joseph E. Atkinson College.

On the 600-acre main York campus, situated on the northern boundary of Metropolitan Toronto, 28 academic and allied buildings have been completed to date. These include five colleges and their associated residences, buildings for the humanities and for the physical, biological and social sciences, a theatre/auditorium, physical education centre, libraries and a variety of residential and service buildings. Osgoode Hall Law School, now the Faculty of Law of York University, moved into its new building on the main campus in 1969.

Special study and research facilities are available in experimental space science, behavioural research, environmental quality, and transportation studies.

The enrolment at York has grown from its first 76 undergraduates in 1960 to a projected 20,000 in 1970, including 10,500 part-time degree students.

Faculties and Schools

Faculty of Arts

Faculty of Science

Faculty of Fine Arts

Faculty of Graduate Studies

Faculty of Law

Faculty of Administrative Studies

Faculty of Environmental Studies

The Joseph E. Atkinson College

Glendon College

Library

1,001,391 items, including government documents and microforms, and 491,292 bound volumes.

¹David W. Slater became President of York University as of July 1, 1970.



Full time enrolment

Year	Prelim. year	Diploma & tech.	Interns & residents	Undergrad. degree	Graduate degree	Total	First year enrolment ¹
1969-70 (actual)	•	•	•	7,174	574	7,748	2,671
1970-71 (projected)	•	•	•	8,725	800	9,525	3,025
1975-76 (forecast)	•	•	•	14,050 ²	1,800	15,850	4,235

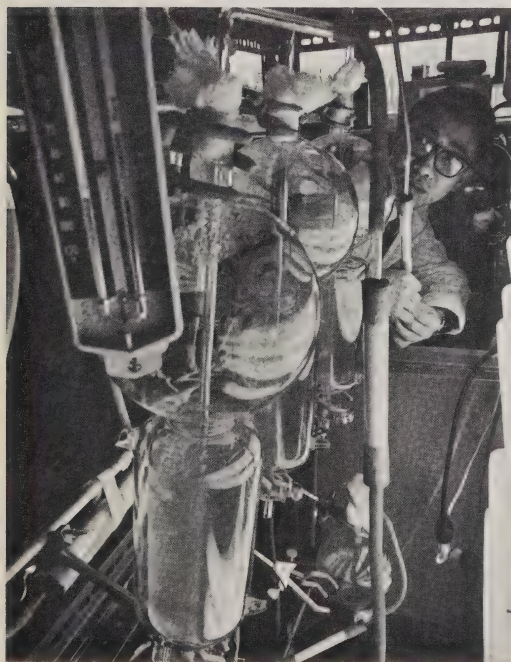
¹Freshman intake into post grade 13 degree programs.

²Includes enrolment in diploma and other undergraduate non-degree programs.

Operating and capital support

Year	Grants towards operating expenditure	Operating grants		Principal and interest payments on debentures	Temporary accommodation grants	Capital assistance
		Per full time student taught	Per basic income unit			
1969-70 (actual)	\$16,753,434	\$2,162	\$1,229	\$4,416,775	\$158,000	\$17,815,000
1970-71 (projected)	\$22,676,643 ¹	\$2,381	\$1,317	\$5,942,323	•	\$12,562,000

¹Excludes grants in compensation for municipal taxation.



Operating revenue

	1968-69	Estimated	Percentage of total income	
	\$000's	1969-70 \$000's	1968-69	1969-70
Student fees	4,428	5,699	25.9	25.2
Gifts for operating purposes	45	100	.3	.4
Endowment income	53	100	.3	.4
Other income	269	50	1.6	.2
Sub-total	4,795	5,949	28.1	26.2
Provincial grants	12,274	16,753	71.9	73.8
Total income	17,069	22,702	100.0	100.0

Student awards 1969-70

	No. of students receiving	Total amount awarded	% of student body receiving	
			Average per student	receiving
Ontario Student Awards				
Loan portion	2,964	\$1,617,265	\$ 546	38.3%
Grant portion	2,863	1,645,380	575	37.0
Ontario Graduate Fellowships	127	188,250	1,500	1.6
	3,091	\$3,450,895	•	39.9%



Art Gallery of Ontario

Grange Park

Toronto 133, Ontario

President of the Board of Trustees: E. C. Bovey

Director: W. J. Withrow

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The Art Gallery of Ontario sees as its purpose cultivating and advancing the visual arts, both in Toronto and throughout the Province of Ontario. The Art Gallery staff is continually assessing the requirements of provincial centres, and provides a consultant and information service on all aspects of visual art, as well as a program of technical assistance to new and expanding art centres in Ontario, such as St. Thomas, East York and Toronto itself. An example of the seminars and workshops which have been organized was one held in Kingston in October, 1969 entitled *The Care and Handling of Works of Art*.

Internationally important exhibitions of high educational quality, such as *The Bauhaus: 50 Years*, have been acquired for Toronto by the Art Gallery of Ontario. These exhibitions have been supplemented by lecture series and have received great response in the large attendance figures.

A major extension program was launched in 1969/70 to circulate 52 exhibitions. These exhibitions, which included the commissioned *Art for Architecture: Walls* and a compiled history of *Canadian Cartoon and Caricature*, were circulated to 122 centres within the Province with an estimated viewing audience of 1½ million people.

During the past eleven months, the Gallery's slide loan service circulated over 18,000 slides to universities, schools and community groups. A slide sales program is evolving to further meet the growing demand.

Grants from the provincial government enable the Art Gallery of Ontario to expand these valuable services to the community and to carry on research into new areas of the visual arts.

Art Gallery of Ontario

	1969-70	Projection 1970-71
Donations for operating purposes	\$75,000	\$75,000
Provincial grants for operating purposes	\$550,000	\$600,000
Revenue from attendance	\$42,500	\$50,000
Revenue from memberships	\$65,000	\$66,000
Value of works of art purchased	\$134,000	\$100,000
Number of members	7,200	7,300
Attendance	235,000	250,000





Ontario College of Art

100 McCaul Street

Toronto 2B, Ontario

Chairman of the Council: David S. Owen

President: Sydney H. Watson¹

Business Administrator: Owen W. Wilson

The Ontario College of Art is an educational institution dedicated to teaching fine and applied art to students and teachers of art in Ontario. It now operates under the Ontario College of Art Act (1968-69). The College provides a liberal education and specialized training to those who contemplate careers as artists and designers in the fine arts, or commercial and industrial art.

The activities of the College take place in a complex of buildings built by the provincial government over a period of years. The original Grange Park building of 1922 and the buildings adjacent to it, built in 1957, 1962, and 1967, provide modern studios, drafting rooms, workshops, lecture and exhibition galleries, kiln and foundry facilities and two exterior sculpture courts.

¹ Mr. Watson retired effective September 1, 1970, and Mr. Gene Butt became Acting President.

Full time enrolment

1969-70 (actual): 1,027

1970-71 (projected): 1,050

1975-76 (forecast): 1,050

Operating support

Year	Grants towards operating expenditure	Per full time student taught	Special grant toward temporary accommodation
1969-70 (actual)	\$800,000	\$779	\$44,859
1970-71 (projected)	\$880,000 ¹	\$838	.

¹Excludes grants in compensation for municipal taxation.

Student Awards

	No. of students receiving 1969-70	Total amount awarded 1969-70	Average per student 1969-70	% of student body receiving 1969-70
Ontario Student Awards				
Loan portion	468	\$246,965	\$528	45.6
Grant portion	447	\$239,949	\$537	43.5
	468	\$486,914	.	45.6

Operating revenue

	1969-70	Estimated 1970-71	Percentage of total income	
			1969-70	1970-71
Student fees	\$ 334,425	\$ 352,000	28.9	28.3
Gifts for operating purposes	•	•	•	•
Endowment income	•	•	•	•
Other income	23,575	12,000	2.0	1.0
Sub-total	358,000	364,000	30.9	29.3
Provincial grants	800,000	880,000	69.1	70.7
Total Income	\$1,158,000	\$1,244,000	100.0	100.0





Royal Botanical Gardens

Hamilton, Ontario

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President of the Board: W. G. Welby, Q.C.

Chairman of the Board: C. E. Amy

Director: L. Laking

A botanical garden is a hybrid type of institution, combining some of the functions of a university, a museum and an experimental station with the informal recreational aspects of a park system. The tools of a botanical garden are its plant collections, arranged to have aesthetic appeal as well as to fulfil their primary scientific and educational purposes.

The R.B.G. comprises some 2,000 acres in four jurisdictions: the City of Hamilton, the Towns of Burlington and Dundas, and adjacent Wentworth County. Features include an Arboretum being developed on a 400-acre site overlooking Cootes Paradise Marsh; the Rock Garden; the Spring Garden with its noteworthy collections of herbaceous ornamentals; the Children's Garden, principally a teaching project; and the recently developed gardens at Headquarters, including the Centennial Rose Garden and the Trial Garden for evaluating summer flowering plants. These collections serve in the educational and scientific realm and also bring pleasure to an estimated three-quarters of a million visitors each year.

Research programs centre on cytaxonomic and breeding studies conducted with both cultivated ornamentals and native plants. Research and service programs in the broad area of pathology of cultivated ornamentals, including trees, have now become an important undertaking. New greenhouse facilities are now completed to support these programs. Some 1,500 acres of woodland, meadow, marsh and escarpment within the Gardens, serve as a varied green belt with an instructive purpose, and house the new Nature Interpretive Centre.

Educational and service programs are directed to all age groups from children to family and adult groups. Special courses are provided by R.B.G. to fill specific needs such as those of University of Toronto students in Landscape Architecture and Landscape Technicians at Humber College. This institution has special connections with McMaster University, both constitutionally and through lands, staff and facilities including the library and herbarium.

The Royal Botanical Gardens, established by Special Act of the Ontario Legislature in 1941, is governed by an independent board with broad representation. It has reached its present status through an effective combination of municipal and county tax support along with provincial support since 1953, and increasing financial support from private sources.

Royal Botanical Gardens

	1969-70	Projection for 1970-71
Local municipal and county grants for maintenance purposes	\$198,000	\$250,000
Provincial government grants for operating purposes and for capital projects	\$200,000	\$248,000
Attendance estimates	500,000	700,000
Membership	1,100	1,300
Revenue from membership and special individual and corporate contributions	\$ 21,000	\$ 30,000
Major capital projects (current):		
Arboretum and expansion of plant collections (continuing)		
Completion of research greenhouse		
Development of headquarters site		

Royal Ontario Museum

100 Queen's Park
Toronto 5, Ontario

Chairman, Board of Trustees: Richard G. Meech
Director: Peter C. Swann

The Royal Ontario Museum is Canada's largest museum of the arts of man and the natural sciences. Its main building has more than six acres of floor space, approximately half of it devoted to public galleries and displays. Also part of the ROM are the McLaughlin Planetarium, opened in November, 1968, and the Sigmund Samuel Canadiana Gallery which houses the museum's extensive collection of pioneer Canadian arts and crafts.

In 1969-70 almost one and one-half million children and adults visited this ROM complex, including more than 326,000 who enjoyed the Planetarium and its shows in its first full year of operation. Of the Museum's total attendance, 274,543 were students who came to study and receive instruction from members of the Museum Education Department. Public interest and support was also reflected in the increase in ROM membership to the current 3,500 from 900 in 1966.

Early in 1970 construction began on a long overdue restaurant complex to replace the small cafeteria which has served hundreds of thousands of ROM visitors in the last 35 years. Scheduled to open about December, 1970, facilities will include a large cafeteria for children and another for adults.

The ROM is well known for its collection of Chinese art and archaeology, the largest outside the Orient, and for its extensive mineralogy collection. In the sciences it also has departments of geology, vertebrate and invertebrate palaeontology, entomology, ichthyology, ornithology and mammalogy. There are also major departments concerned with other ancient cultures and textiles.

The Museum, however, is more than a storehouse of the past; it is actively engaged in research and teaching. Many of the curatorial staff teach at universities, and field parties work in many parts of the world uncovering relics of the past or gathering new specimens for the collections.

Originally created by an Act of the provincial legislature in 1912, the Royal Ontario Museum was associated with the University of Toronto from 1947 to July 1st, 1968, and now has its own Board of Trustees. Increased grants from the provincial government have enabled the Museum to begin a long period of rejuvenation.

Royal Ontario Museum

	1969-70	Projection 1970-71
Government grants for operating purposes	\$3,250,000	\$3,574,000
Special purpose grants	\$344,250	\$50,000
Revenue from attendance	\$279,000	\$279,000
Other operating income (museumology, education, photography, scrap)	\$62,500	\$83,000
Attendance	1,326,864*	1,550,000*

*Includes attendance at the McLaughlin Planetarium and the Canadiana Gallery.



**Table 1**

*First year full time enrolment¹ at Ontario universities,
1969-70 and projected for 1970-71*

	Actual 1969-70	Projected 1970-71
Brock	772	866
Carleton	2,426	2,750
Guelph	2,012	1,960
Lakehead	828	931
Laurentian	726	1,057
Algoma	141	200
Nipissing	73	100
McMaster	2,026	2,225
Ottawa	1,349	1,385
Queen's	1,727	1,830
Toronto	4,146	4,140
Scarborough	918	655
Erindale	546	860
Trent	583	685
Waterloo	3,400	3,423
Western	3,576	3,990
Windsor	1,567	1,745
York	2,671	3,025
Sub-total ²	29,487	31,827
Waterloo Lutheran	1,049	1,030
Total³	30,536	32,857

¹Post grade 13 programs only; fall on-campus enrolment.

²Figures for the provincially assisted universities include enrolment at federated and affiliated institutions.

³Excludes enrolment in theology programs.

Actual figures for 1969-70 contained in these tables are based on reports submitted by the universities to the Department in December, 1969. Projections for 1970-71 are based on figures submitted in November, 1969.

Table 2

Full time enrolment at universities in Ontario, 1969-70 and projected for 1970-71
Fall registration

	Undergraduate degree programs ¹		Graduate degree programs		Diploma & technology		Preliminary year		Medical interns and residents		Total full time enrolment	
	Actual 1969-70	Projected 1970-71	Actual 1969-70	Projected 1970-71	Actual 1969-70	Projected 1970-71	Actual 1969-70	Projected 1970-71	Actual 1969-70	Projected 1970-71	Actual 1969-70	Projected 1970-71
Brock	1,633	2,039	18	27	.	.	.	.	.	.	1,651	2,066
Carleton	6,053	7,125	632	725	32	7	421	450	.	.	7,138	8,307
Guelph	5,120	5,601	542	642	252	300	.	.	8	11	5,922	6,554
Lakehead	1,781	2,091	42	55	540	603	.	.	.	.	2,363	2,749
Laurentian	1,817	2,243	5	23	.	.	.	.	.	.	1,822	2,266
Algoma	141	200	.	.	.	.	.	.	.	.	141	200
Nipissing	73	100	.	.	.	.	.	.	.	.	73	100
McMaster	5,745	6,375	1,063	1,220	.	.	.	.	148	125	6,956	7,720
Ottawa	5,266	5,699	1,037	1,108	403	476	295	250	230	210	7,231	7,743
Queen's	6,132	6,388	933	1,060	102	118	.	.	171	177	7,338	7,743
Toronto	16,128	16,456	4,018	4,266	519	536	61	.	952	787	21,678	22,045
Scarborough	1,832	1,700	.	.	.	.	.	.	.	.	1,832	1,700
Erindale	906	1,500	.	.	.	.	.	.	.	.	906	1,500
Trent	1,282	1,540	5	10	.	.	.	.	.	.	1,287	1,550
Waterloo	9,382 ²	10,610 ³	1,271	1,375	10	.	.	.	.	.	10,663	11,985
Western	9,911	11,440	1,448	1,658	15	12	22	20	228	294	11,624	13,424
Windsor	4,494	5,138	382	442	34	36	110	126	.	.	5,020	5,742
York	7,174	8,725	574	800	.	.	.	.	.	.	7,748	9,525
Sub-Total	84,870	94,970	11,970	13,411	1,907	2,088	909	846	1,737	1,604	101,393	112,919
Waterloo Luth.	2,622	2,630	50	80	36	40	7	.	.	.	2,715	2,750
Regis College	93	92	7	10	.	.	.	.	.	.	100	102
O.C.A.	.	.	.	.	1,027	1,050	.	.	.	.	1,027	1,050
Sub-Total	2,715	2,722	57	90	1,063	1,090	7	.	.	.	3,842	3,902
Total⁴	87,585	97,692	12,027	13,501	2,970	3,178	916	846	1,737	1,604	105,235	116,821⁵

¹Enrolment at church related institutions affiliated or federated with provincially assisted universities has been included with the constituent universities.

²Includes undergraduate off-campus registration of 1,498.

³Includes undergraduate off-campus registration of 1,900.

⁴These figures do not include enrolment at Royal Military College of Canada, Kingston, which was 542 in 1969-70. The projection for 1970-71 is 580. Also excluded is enrolment in programs in education at Lakehead, Ottawa, Queen's, Toronto, Western and Windsor and the Ontario Institute for Studies in Education. See Table 30 for enrolment in programs in education.

⁵As submitted by the respective universities in November 1969.

Table 3*Undergraduate enrolment by program of study, full time 1969-70*

Program of Study	Brock	Carleton	Guelph	Lakehead	Laurentian	McMaster	Ottawa	Queen's	Toronto	Trent	Waterloo	Western	Windsor	York	Sub-total prov. assist. universities	Waterloo Lutheran	Regis	Total
Humanities—Pure																		
Arts, fine & app.	•	•	•	•	•	55	•	24	12	•	•	93	90	247	521	•	•	521
Arts, general & honours ¹	1,022	3,963	1,984	1,082	1,293 ²	2,092	1,987	2,495	11,653 ³	873	2,244	5,045	2,357	4,814	42,904	1,861	•	44,765
Music	•	•	•	•	•	26	•	26	331	•	•	244	27	•	654	•	•	654
Humanities—Applied																		
Journalism	•	260	•	•	•	•	•	•	•	•	•	44	•	•	304	•	•	304
Library science	•	•	•	•	•	•	75	•	197	•	•	42	•	•	314	•	•	314
Theology	•	•	•	•	•	27	315	38	196	•	•	66	•	•	642	17	93	752
Social Sciences—Applied																		
Commerce & bus. admin.	•	227	•	77	154	442	461	406	423	•	•	170	506	169	3,035	416	•	3,451
Hshld. & food sci.	•	•	551	•	•	•	50	•	91	•	•	177	•	•	869	•	•	869
Hyg. & pub. hlth.	•	•	•	•	•	•	•	•	15	•	•	•	•	•	15	•	•	15
Law	•	•	•	•	•	•	517	346	401	•	•	312	141	697	2,414	•	•	2,414
Phys. & hlth. ed.	•	•	172	74	130	716	397	170	386	•	417	434	169	100	3,165	•	•	3,165
Secretarial science	•	•	•	•	•	•	•	•	•	•	•	148	•	•	148	•	•	148
Social work	•	•	•	•	66	143	•	•	107	•	•	18	157	•	491	39	•	530
Biol. & Physical Sciences—Pure																		
Pre-medicine	•	•	•	•	•	•	50	96	•	•	•	•	•	•	146	•	•	146
Science, general & honours	611	988	970	319	316	1,563	652	857	2124	409	3,435	2,035	515	1,147	14,029	289	•	14,318
Biological Sciences—Applied																		
Agriculture	•	•	952	•	•	•	•	•	•	•	•	•	•	•	952	•	•	952
Dentistry	•	•	•	•	•	•	•	•	497	•	•	88	•	•	585	•	•	585
Forestry	•	•	•	61	•	•	•	•	205	•	•	•	•	•	266	•	•	266
Medicine	•	•	•	•	•	20	276	269	736	•	•	315	•	•	1,616	•	•	1,616
Nursing	•	•	•	122	35	142	121	69	375	•	•	184	128	•	1,176	•	•	1,176
Pharmacy	•	•	•	•	•	•	•	•	521	•	•	•	•	•	521	•	•	521
Physio & occup. therapy	•	•	•	•	•	•	•	•	•	•	•	40	•	•	40	•	•	40
Veterinary med.	•	•	280	•	•	•	•	•	•	•	•	•	•	•	280	•	•	280
Physical Sciences—Applied																		
Architecture	•	86	•	•	•	•	•	•	252	•	88	•	•	•	426	•	•	426
Engineering	•	529	158	46	37	519	365	1,336	2,208	•	1,700	456	404	•	7,758	•	•	7,758
Landscape arch.	•	•	53	•	•	•	•	•	48	•	•	•	•	•	101	•	•	101
Total	1,633	6,053	5,120⁵	1,781	2,031	5,745	5,266	6,132	18,866	1,282	7,884⁶	9,911	4,494	7,174	83,372	2,622	93	86,087

¹Includes enrolment in the Faculty of Arts and Science at the University of Toronto and undergraduate pure social science at all universities.²Includes Algoma and Nipissing.³Includes Erindale and Scarborough.⁴Represents enrolment in make-up year and first year of a two-year master's degree program.⁵Fall term enrolment.⁶Does not include off-campus registration of 1,498.

Table 4
Graduate enrolment by program of study, full time 1969-70

Program of Study	Brock	Carleton	Guelph	Lakehead	Laurentian	McMaster	Ottawa	Queen's	Toronto	Trent	Waterloo	Western	Windsor	York	Sub-total prov. assist. universities	Waterloo Lutheran	Regis	Total
Humanities—Pure																		
Arts, fine & app.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Humanities	•	99	52	4	•	152	300	171	1,070	•	238	153	48	89	2,376	5	•	2,381
Music	•	•	•	•	•	•	•	•	44	•	•	3	•	•	47	•	•	47
Humanities—Applied																		
Journalism	•	•	•	•	•	•	•	•	•	•	•	15	•	•	15	•	•	15
Library science	•	•	•	•	•	•	11	•	18	•	•	140	•	•	169	•	•	169
Theology	•	•	•	•	•	•	152	•	66	•	•	•	•	•	218	•	7	225
Social Sciences—Pure																		
Geography	•	12	14	•	•	53	19	16	62	•	62	46	6	20	310	2	•	312
Psychology	•	40	14	9	•	38	93	56	58	•	136	62	73	105	684	4	•	688
Other	•	124	22	2	•	157	53	103	375	•	•	118	38	72	1,064	•	•	1,064
Social Sciences—Applied																		
Commerce & bus. admin.	•	•	•	15	•	128	•	121	204	•	•	379	26	159	1,032	•	•	1,032
Child study	•	•	•	•	•	•	•	•	18	•	•	•	•	•	18	•	•	18
Criminology	•	•	•	•	•	•	43	•	•	•	•	•	•	•	43	•	•	43
Hospital admin.	•	•	•	•	•	•	45	•	29	•	•	•	•	•	74	•	•	74
Hshld. & food sci.	•	•	35	•	•	•	•	•	5	•	•	•	•	•	40	•	•	40
Law	•	•	•	•	•	•	6	2	10	•	•	•	•	•	7	25	•	25
Phys. & hlth. educ.	•	•	•	•	•	•	10	•	•	•	•	24	2	•	36	•	•	36
Public admin.	•	58	•	•	•	•	•	•	•	•	•	•	•	10	68	•	•	68
Social work	•	100	•	•	•	•	•	•	114	•	•	•	13	•	227	39	•	266
Biol. & Physical Sciences—Pure																		
Biol. & phys. sci.	18	100	146	10	5	328	113	196	589	5	218	408	72	95	2,303	•	•	2,303
Mathematics	•	23	9	2	•	39	10	47	183	•	207	15	20	17	572	•	•	572
Biological Sciences—Applied																		
Agriculture	•	•	169	•	•	•	•	•	•	•	•	•	•	•	169	•	•	169
Dentistry	•	•	•	•	•	•	•	•	54	•	•	•	•	•	54	•	•	54
Forestry	•	•	•	•	•	•	•	•	28	•	•	•	•	•	28	•	•	28
Hyg. & pub. hlth.	•	•	•	•	•	•	•	•	70	•	•	•	•	•	70	•	•	70
Medicine	•	•	•	•	•	16	57	61	370	•	•	•	•	•	504	•	•	504
Nursing	•	•	•	•	•	•	•	•	•	•	•	8	•	•	8	•	•	8
Pharmacy	•	•	•	•	•	•	•	•	26	•	•	•	•	•	26	•	•	26
Phys. & occ. ther.	•	•	•	•	•	•	•	•	29	•	•	•	•	•	29	•	•	29
Veterinary med.	•	•	60	•	•	•	•	•	•	•	•	•	•	•	60	•	•	60
Physical Sciences—Applied																		
Architecture	•	•	•	•	•	•	•	•	38	•	•	•	•	•	38	•	•	38
Engineering	•	76	21	•	•	152	125	160	558	•	410	77	84	•	1,663	•	•	1,663
Total	18	632	542	42	5	1,063	1,037	933	4,018	5	1,271	1,448	382	574	11,970	50	7	12,027

Table 5*Undergraduate enrolment by program of study, projected full time for 1970-71*

Program of Study	Brock	Carleton	Guelph	Lakehead	Laurentian	McMaster	Ottawa	Queen's	Toronto	Trent	Waterloo	Western	Windsor	York	Sub-total prov. assist. universities	Waterloo Lutheran	Regis	Total
Humanities—Pure																		
Arts, fine & app.	•	•	•	•	•	76	•	48	16	•	•	160	136	435	871	•	•	871
Arts, general & honours ¹	1,125	4,798	2,214	1,298	1,441 ²	2,134	2,261	2,519	11,975 ³	980	2,402	5,762	2,548	5,605	47,062	1,740	•	48,802
Music	•	•	•	•	•	39	•	50	354	•	•	295	47	•	785	30	•	815
Humanities—Applied																		
Journalism	•	305	•	•	•	•	•	•	•	•	•	40	•	•	345	•	•	345
Library Science	•	•	•	•	•	•	80	•	250	•	•	30	•	•	360	•	•	360
Theology	•	•	•	•	•	30	275	39	222	•	•	85	•	•	651	20	92	763
Social Sciences—Applied																		
Commerce & bus. admin.	•	225	•	110	252	492	416	460	435	•	•	200	548	200	3,338	510	•	3,848
Hshld. & food sci.	•	•	618	•	•	•	68	•	138	•	•	180	•	•	1,004	•	•	1,004
Hyg. & pub. hlth.	•	•	•	•	•	•	•	•	3	•	•	•	•	•	3	•	•	3
Law	•	•	•	•	•	•	535	365	437	•	•	370	240	800	2,747	•	•	2,747
Phys. & hlth. educ.	•	•	191	105	234	840	442	186	415	•	484	508	192	199	3,796	•	•	3,796
Secretarial science	•	•	•	•	•	•	•	•	•	•	•	165	•	•	165	•	•	165
Social work	•	•	•	•	105	215	•	•	115	•	•	49	209	•	693	40	•	733
Biol. & Physical Sciences—Pure																		
Pre-medicine	•	•	•	•	•	•	•	97	•	•	•	•	•	•	97	•	•	97
Sci., gen. & hons.	914	1,110	1,067	285	372	1,794	760	929	180 ⁴	560	3,982	2,373	627	1,446	16,399	290	•	16,689
Biological Sciences—Applied																		
Agriculture	•	•	974	•	•	•	•	•	•	•	•	•	•	•	974	•	•	974
Dentistry	•	•	•	•	•	•	•	•	493	•	•	133	•	•	626	•	•	626
Forestry	•	•	•	80	•	•	•	•	255	•	•	•	•	•	335	•	•	335
Medicine	•	•	•	•	•	39	286	269	786	•	•	326	•	•	1,706	•	•	1,706
Nursing	•	•	•	133	70	160	147	88	410	•	•	196	162	•	1,366	•	•	1,366
Pharmacy	•	•	•	•	•	•	•	•	527	•	•	•	•	•	527	•	•	527
Phys. & occ. ther.	•	•	•	•	•	•	•	•	•	•	•	61	•	•	61	•	•	61
Veterinary med.	•	•	293	•	•	•	•	•	•	•	•	•	•	•	293	•	•	293
Physical Sciences—Applied																		
Architecture	•	125	•	•	•	•	•	•	263	•	103	•	•	40	531	•	•	531
Engineering	•	562	185	80	69	556	429	1,338	2,325	•	1,739	507	429	•	8,219	•	•	8,219
Landscape arch.	•	•	59	•	•	•	•	•	57	•	•	•	•	•	116	•	•	116
Totals	2,039	7,125	5,601 ⁵	2,091	2,543	6,375	5,699	6,388	19,656	1,540	8,710 ⁶	11,440	5,138	8,725	93,070	2,630	92	95,792

¹Includes undergraduate pure social science at all universities.²Includes Algoma and Nipissing.³Includes Erindale and Scarborough and enrolment in the Faculty of Arts and Science.⁴Represents enrolment in make up and first year of two-year master's degree programs.⁵Fall term enrolment.⁶Does not include off-campus registration of 1,900.

Table 6
Graduate enrolment by program of study, projected full time for 1970-71

Program of Study	Brock	Carleton	Guelph	Lakehead	Laurentian	McMaster	Ottawa	Queen's	Toronto	Trent	Waterloo	Western	Windsor	York	Sub-total prov. assist. universities	Waterloo Lutheran	Regis	Total
Humanities—Pure																		
Arts, fine & app.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Humanities	2	110	59	4	5	200	311	181	1,045	2	264	175	81	108	2,547	20	*	2,567
Music	*	*	*	*	*	*	*	*	38	*	*	9	*	*	47	*	*	47
Humanities—Applied																		
Journalism	*	*	*	*	*	*	*	*	*	*	*	20	*	*	20	*	*	20
Library science	*	*	*	*	*	*	12	*	8	*	*	210	*	*	230	*	*	230
Theology	*	*	*	*	*	*	175	*	92	*	*	*	*	*	267	*	10	277
Social Sciences—Pure																		
Geography	*	15	16	*	*	56	25	18	58	*	67	52	6	33	346	10	*	356
Psychology	*	50	20	12	*	42	90	56	70	*	123	69	84	138	754	10	*	764
Other	*	150	30	4	*	204	70	113	400	*	*	142	27	127	1,267	*	*	1,267
Social Sciences—Applied																		
Commerce & bus. admin.	*	*	*	20	*	145	*	130	190	*	*	410	31	200	1,126	*	*	1,126
Child Study	*	*	*	*	*	*	*	*	35	*	*	*	*	*	35	*	*	35
Criminology	*	*	*	*	*	*	40	*	*	*	*	*	*	*	40	*	*	40
Hospital admin.	*	*	*	*	*	*	50	*	44	*	*	*	*	*	94	*	*	94
Hshld. & food sci.	*	*	43	*	*	*	*	*	8	*	*	*	*	*	51	*	*	51
Law	*	*	*	*	*	*	14	6	7	*	*	*	*	12	39	*	*	39
Phys. & hlth. educ.	*	*	4	*	*	*	12	4	*	*	*	25	3	*	48	*	*	48
Public admin.	*	65	*	*	*	*	*	15	*	*	*	*	*	15	95	*	*	95
Social work	*	105	*	*	*	*	*	*	130	*	*	*	9	*	244	40	*	284
Biol. & Physical Sciences—Pure																		
Biol. & phys. sci.	25	115	166	10	18	306	117	210	660	8	237	407	83	127	2,489	*	*	2,489
Mathematics	*	30	12	5	*	49	11	60	125	*	250	50	22	20	634	*	*	634
Biological Sciences—Applied																		
Agriculture	*	*	198	*	*	*	*	*	*	*	*	*	*	*	198	*	*	198
Dentistry	*	*	*	*	*	*	*	*	72	*	*	*	*	*	72	*	*	72
Forestry	*	*	*	*	*	*	*	*	33	*	*	*	*	*	33	*	*	33
Hyg. & pub. hlth.	*	*	*	*	*	*	*	*	128	*	*	*	*	*	128	*	*	128
Medicine	*	*	*	*	*	32	53	80	380	*	*	*	*	*	545	*	*	545
Nursing	*	*	*	*	*	*	*	*	5	*	*	9	*	*	14	*	*	14
Pharmacy	*	*	*	*	*	*	*	*	25	*	*	*	*	*	25	*	*	25
Phys. & occ. ther.	*	*	*	*	*	*	*	*	28	*	*	*	*	*	28	*	*	28
Veterinary med.	*	*	72	*	*	*	*	*	*	*	*	*	*	*	72	*	*	72
Physical Sciences—Applied																		
Architecture	*	*	*	*	*	*	*	10	55	*	*	*	*	20	85	*	*	85
Engineering	*	85	22	*	*	186	128	177	630	*	434	80	96	*	1,838	*	*	1,838
Total	27	725	642	55	23	1,220	1,108	1,060	4,266	10	1,375	1,658	442	800	13,411	80	10	13,501

Table 7*Part time enrolment¹ regular and summer sessions, 1969-70*

Institution	Undergraduate				Graduate			Total basic income units
	Number of students	Course registrations	Full time equivalent enrolment ²	Basic income units	Number of students	Full time equivalent enrolment ³	Basic income units	
Brock	1,717	1,948	324.7	351.0	•	•	•	351.0
Carleton	8,028	10,217	1,702.9	1,797.8	443	133.0	324.0	2,121.8
Guelph	417	693	115.6	121.9	37	11.0	48.0	169.9
Lakehead	2,480	3,250	541.6	584.0	37	11.0	30.0	614.0
Laurentian	2,514	3,051	508.5	536.3	•	•	•	536.3
Algoma	1,193	1,623	270.5	270.5	•	•	•	270.5
Nipissing	530	684	114.0	114.0	•	•	•	114.0
McMaster	4,546	5,793	965.5	985.5	507	152.0	356.0	1,341.5
Ottawa	5,663	9,341	1,557.0	1,706.9	599	180.0	596.0	2,302.9
Queen's	4,206	5,494	915.7	947.7	243	73.0	284.3	1,232.0
Toronto	7,677	10,990	1,831.7	2,274.7	1,391	417.0	1,109.6	3,384.3
Scarborough	1,066	1,249	208.2	249.8	•	•	•	249.8
Erindale	596	614	102.3	126.0	•	•	•	126.0
Trent	716	862	143.6	154.5	1	.3	1.3	155.8
Waterloo	1,398	1,642	273.6	348.5	240	72.0	268.3	616.8
Western	5,387	7,030	1,171.6	1,293.5	287	86.0	379.0	1,672.5
Windsor	5,747	8,569	1,428.1	1,582.5	113	34.0	74.7	1,657.2
York	7,516	10,283	1,713.8	1,934.3	653	196.0	478.0	2,412.3
Sub-total	61,397	83,333	13,888.9	15,379.4	4,551	1,365.3	3,949.2	19,328.6
Part-time teaching								
at affiliates	1,983	1,389	231.3	354.2	113	34.0	34.0	388.2
Waterloo Lutheran	6,274	9,072	1,512.0	1,561.6	23	7.0	26.7	1,588.3
Total	69,654	93,794	15,632.2	17,295.2	4,687	1,406.3	4,009.9	21,305.1

¹Based on net teaching service performed.²Full time equivalent figure is calculated by dividing total course registrations by six.³This full time equivalent figure is calculated by multiplying actual student numbers by .30.

Table 8
Part time enrolment¹ regular and summer sessions, projected for 1970-71

Institution	Number of students	Course registrations	Full time equivalent enrolment ² units	Basic income units	Graduate	
					Number of students	Total basic income units
Brock	1,939	10,805	1,800.8	1,914.4	536	2,308.7
Carleton	9,165	372	63.0	24.0	20	87.0
Guelph	372	3,462	577.0	618.0	43	36.0
Lakehead	2,693	3,462	591.0	660.0	•	•
Laurentian	3,233	3,462	591.0	660.0	•	•
Algoma	1,260	1,500	250.0	250.0	•	•
Albion	1,500	900	150.0	150.0	•	•
McMaster	4,694	6,116	1,019.3	1,042.5	676	203.0
Nipissing	680	8195	1,365.8	1,527.5	717	659.5
Ottawa	5,180	8,195	1,365.8	1,527.5	717	2,187.0
Queens	4,289	5,604	934.0	960.5	220	2,222.8
Toronto	8,786	10,957	1,826.2	2,290.9	1,420	3,356.4
Scarborough	1,500	1,700	283.3	339.6	•	•
Erindale	450	600	100.0	120.0	•	•
Trent	900	1,050	175.0	189.8	3	1.0
Waterloo	654	881	236.5	278.9	187	24.0
Western	5,906	7,230	1,205.0	1,357.5	330	424.2
Windsor	6,677	9,868	1,644.7	1,819.0	170	92.0
York	9,678	12,978	2,163.0	2,343.5	800	562.0
Sub-total	68,056	87,803	14,633.8	16,205.7	5,122	4,187.5
Part-time teaching at affiliates	1,328	1,527	258.8	278.9	79	24.0
Waterloo Lutheran	6,215	9,345	1,557.5	1,618.3	33	32.3
Total	75,599	98,675	16,450.1	18,102.9	5,234	4,243.8
					1,571.0	22,346.7

¹ Based on net teaching service performed.
² Full time equivalent figure is calculated by dividing total course registrations by six.
³ This full time equivalent figure is calculated by multiplying actual student numbers by .30.

Table 9

Enrolment at church-related institutions, full time and part time, 1969-70

By registration		By teaching service ¹	
Full time equivalent of full time	Full time ²	Full time equivalent of part time ³	Full time
Laurentian-College de Hearst	44	57	101
Laurentian-Huntington	236	•	236
Laurentian-Thornloe	142	•	142
Laurentian-U. of Sudbury	563	•	563
McMaster-Divinity College	27	•	27
Ottawa-St. Augustine's	72	•	72
Ottawa-St. Paul University	497	6	503
Queen's-Theological College	38	2	40
Toronto-St. Michael's	2,171	3	2,174
Toronto-Trinity	749	4	753
Toronto-Victoria	2,520	12	2,532
Toronto-Knox	51	11	62
Toronto-Wycliffe	38	6	44
Waterloo-Conrad Grebel	•	•	•
Waterloo-St. Paul's	•	•	7
Waterloo-Renison	88	1	89
Waterloo-St. Jerome	352	57	409
Western-Brescia	307	2	309
Western-Huron	534	2	536
Western-King's	505	8	513
Regis College	100	•	100
Waterloo Luthieran	2,715	1,519	4,234
Total	11,749	1,690	13,439
			7,227
			1,784.3
			8,902.6

¹ See Table 24.² These totals are included in the total provincial enrolments in Table 2.³ Full time equivalent of part time enrolment is calculated for undergraduates by dividing total course registrations by six; FTE for graduates is calculated by multiplying actual student numbers by .30.

Table 20

Some staff/student analytic ratios at provincially assisted universities 1968-69 and 1969-70
Enrolment statistics¹

1968-69		1969-70									
	Total BUs ¹	Full time	undergraduate	graduate	Total	F.T.E. of part time	F.T.E. of enrolment	Full time	BU's ² for part time	BU's ² for full time	Total
Brook	1,119	5,455	5,172	1,126	189.5	1,315.5	1,262.0	207.9	1,469.9	10,042.7	12,842.4
Carleton	5,455	5,172	1,455.2	7,427.2	8,370.8	1,671.9	10,069.1	149.5	10,218.6	2,924.6	13,695.4
Guelph	4,747	4,477	5,149	116.2	5,265.2	2,432.5	2,436.5	488.1	2,166.3	2,924.6	13,695.4
Lakehead	1,973	2,000	432.5	462.8	1,861.8	1,703.5	1,07.2	167.2	2,166.3	2,924.6	13,695.4
Laurentian	1,399	1,399	108	108	1,407	1,407	1,407	1,407	1,407	1,407	1,407
McMaster	5,230	5,230	1,050	6,280	1,104.0	7,384.0	1,591.9	1,250.5	12,842.4	13,695.4	13,695.4
Ottawa	5,279	6,156	1,727.9	7,883.9	11,068.6	7,883.9	11,068.6	2,626.8	13,695.4	13,695.4	13,695.4
Queen's	5,885	6,733	958.0	20,882.9	39,990.0	20,882.9	39,990.0	2,967.6	42,957.6	13,695.4	13,695.4
Toronto	15,172	18,626	2,256.9	1,436	1,597	1,597	1,597	1,597	1,597	1,597	1,597
Scarborough	1,436	1,436	1,436	1,436	1,436	1,436	1,436	1,436	1,436	1,436	1,436
Erindale	458	458	458	458	458	458	458	458	458	458	458
Trent	1,072	1,072	1,072	1,072	1,072	1,072	1,072	1,072	1,072	1,072	1,072
Waterloo	5,842	1,109	262.1	7,213.1	15,267.7	7,213.1	15,267.7	418.0	15,685.7	15,685.7	15,685.7
Western	7,898	1,061	8,959	1,192.7	10,151.7	10,151.7	10,151.7	1,398.9	16,810.1	16,810.1	16,810.1
Windso	3,944	270	4,214	989.8	5,203.8	5,203.8	5,203.8	1,167.2	7,350.1	7,350.1	7,350.1
York	5,575	349	5,924	1,639.2	7,563.2	7,563.2	7,563.2	1,846.2	10,102.5	10,102.5	10,102.5
Total	72,656	9,965	82,621	13,366.3	95,987.3	147,652.3	16,227.7	163,880.0			



Table 18.
Average academic¹ salaries by rank at the provincially assisted universities, 1968-69 and 1969-70

Rank	1968-69	1969-70
Dean	\$23,730	\$24,982
Professor (with administrative duties)	20,143	21,934
Professor (without administrative duties)	19,021	20,551
Associate professor	14,196	15,279
Assistant professor	11,231	12,077
Lecturer	9,109	9,896
Instructor	7,322	7,887
¹ Excluding faculties of medicine.		

Table 19
Full time teaching staff at provincially assisted universities
1968-69 and 1969-70¹

	1968-69	1969-70
Brook	92	121
Carleton	367	420
Guelph	427	508
Lakehead	146	168
Laurentian	127	160
Algoma	11	11
Nipissing	9	9
McMaster	387	443
Ottawa	425	540
Queen's	430	517
Toronto	1,229	1,325
Scarborough	106	124
Etrindale	49	88
Trent	96	98
Waterloo	438	542
Western	573	638
Windsor	298	375
York	471	584
Total	5,591	6,671

¹ This table does not include figures for faculties of medicine. See Table 17.

Table 17

Medical school enrolments and faculties, 1969-70 and projected for 1970-71

Enrolment											
	Actual 1969-70						Projected 1970-71				
	Undergrads	Dip	MA	PhD	Graduates	Interns & Residents	Undergrads	Dip	MA	PhD	Graduates
McMaster	20	•	7	9	148	184	39	•	10	22	125
Ottawa	2761	•	25	32	230	563	286	•	28	25	210
Queen's	2692	•	33	28	171	501	2692	42	33	33	177
Toronto	736	113	114	123	952	2,058	786	140	120	120	787
Western	315	•	•	•	228	543	326	•	•	•	294
Total	1,636	113	179	192	1,729	3,849	1,706	145	200	200	1,593
¹ Excluding 50 pre-medical students											
² Excluding 96 pre-medical students, 97 pre-medical students (70-71).											

Faculty ¹											
	Actual 1969-70						Total				
	Academic full time	FTE of part time	Total FTE	Clinical ²	Total		Academic full time	FTE of part time	Total FTE	Clinical ²	Total
McMaster	36	6.8	42.8	49	91.8		36	6.8	42.8	69	127.5
Ottawa	50	8.5	58.5	69	127.5		56	4.4	60.4	59	119.4
Queen's	159	145.0	304.0	224	528.0		159	145.0	304.0	224	528.0
Toronto	64	17.3	81.3	52	133.3		64	17.3	81.3	52	133.3
Total	365	182.0	547.0	453	1,000.0		365	182.0	547.0	453	1,000.0

¹Projections of numbers of faculty are not available.²Geographical full-time.

Table 15

Enrolment in graduating class of undergraduate degree programs 1969-70

Program of Study	Humanities—Pure	Arts, fine & app. ¹	Arts, gen. & hons.	Music	Journalism	Library Science	Theology	Social Sciences—	Applied	Com. & bus. admin.	Hshld. & food sci.	Hyg. & pub. health	Law	Phys. & hltl. educ.	Secretarial science	Social work	Biol. & Physical	Sciences—Pure	Pre-medicine	Science, gen. & hons.	Biological Sciences—	Applied	Agriculture	Dentistry	Forestry	Medicine	Nursing	Pharmacy	Phys. & occ. ther.	Veterinary Medicine	Dental Hygiene	Physical Sciences—	Applied	Architecture	Engineering	Landscape Arch.	Total		
Brook	•	943	113	•	31	•	•	•	•	44	•	119	•	34	•	•	•	•	•	•	243	72	•	•	•	•	•	•	•	•	51	•	•	•	•	•	•	185	
Carleton	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	211	243	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1,387
Guelph	•	643	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	80	211	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1,223	
Lakehead	•	203	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	80	89	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	315	
Laurentian	•	304	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	321	321	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	420	
McMaster	1	435	•	•	•	•	•	•	•	17	•	•	•	•	•	•	•	•	•	•	60	321	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1,018	
Ottawa	•	389	•	•	•	•	•	•	•	17	•	•	•	•	•	•	•	•	•	•	60	321	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1,009	
Queen's	•	729	•	•	•	•	•	•	•	55	•	•	•	•	•	•	•	•	•	•	100	46	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1,446	
Toronto	3	2,708	•	•	•	•	•	•	•	69	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	4,325		
Trent	•	93	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	39	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	12		
Waterloo	•	390	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	562	370	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1,381	
Western	14	1,121	•	•	•	•	•	•	•	64	•	•	•	•	•	•	•	•	•	•	370	370	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1,985	
Windsor	4	598	•	•	•	•	•	•	•	88	•	•	•	•	•	•	•	•	•	•	94	131	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	944	
York	5	834	•	•	•	•	•	•	•	13	•	•	•	•	•	•	•	•	•	•	131	2,372	63	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1,166	
Sub-total, prov. assist. universities	27	9,503	•	•	•	•	•	•	•	388	•	•	•	•	•	•	•	•	•	•	2,372	63	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	16,936	
Waterloo	•	546	•	•	•	•	•	•	•	47	•	•	•	•	•	•	•	•	•	•	63	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	659		
Lutheran	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Regis	•	10,049	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	17,626		
Total	27	10,049	•	•	•	•	•	•	•	435	•	•	•	•	•	•	•	•	•	•	2,435	96	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	17,626	

¹Includes Arts as applied to Medicine at University of Toronto.
²Includes enrolment in the Faculty of Arts and Science and at Scarborough and Erindale.

Table 14

Graduate enrolment by semester, 1969-70 and projected for 1970-71

	1969-70 Actual				1970-71 Projected			
	Graduate School (F.T.E.) ¹		Graduate School (F.T.E.) ¹		Graduate School (F.T.E.) ¹		Graduate School (F.T.E.) ¹	
	Fall	Winter	Spring (Est.)	Summer School (F.T.E.) ²	Fall	Winter	Spring	
Brook	18	17	29	.	27	27	27	27
Cartleton	19	632	618	384	15	725	709	444
Guelph	.	542	530	542	.	642	55	642
Lakehead	42	42	39	26	.	55	35	35
Laurentian	.	5	4	4	.	23	23	23
Algoma	.	.	.	.	.	.	.	.
Nipissing	.	.	.	.	.	.	.	.
McMaster	44	1,063	1,036	809	.	1,220	1,173	931
Ottawa ²	66	885	906	452	81	933	933	495
Queen's	.	933	910	634	.	1,060	1,060	765
Toronto ²	87	3,952	3,693	2,105	.	4,174	4,125	3,000
Scarborough	.	.	.	.	.	.	.	.
Erindale	.	.	.	.	.	.	.	.
Trent	.	5	5	5	.	10	10	10
Waterloo	.	1,271	1,234	996	.	1,375	1,375	1,069
Western	.	1,448	1,420	1,071	.	1,658	1,658	1,248
Windsor	18	382	378	259	.	442	426	298
York	60	574	563	348	.	800	800	503
Sub-total	294	11,752	11,353	7,664	96	13,144	13,016	9,490
Waterloo Lutheran	.	50	49	.	.	80	80	.
Theology	.	225	225	225	.	277	277	277
Total	294	12,027	11,627	7,889 ³	96 ⁴	13,501	13,373	9,767 ⁵

¹FTE is calculated by multiplying actual student numbers by .30.

²Excludes graduate enrolment in programs in education.

³Enrolment reports submitted in July, 1970 indicate that total actual enrolment in the spring semester was 8,396 full-time graduates.

⁴The decrease in enrolment in this category in 1970-71 as compared with 1969-70 is in part explained by the change in the procedures for establishing the count of graduate students effective in 1969-70.

⁵The Department believes this figure to be conservative since the universities have had as yet little experience upon which to base projections of spring term enrolments.

Doctoral degrees granted by Ontario universities, 1967-68 and 1968-69

[illegible]

Table 12
Master's degrees granted by Ontario universities, 1967-68 and 1968-69

1967-68												
	Humanities and social sciences					Physical and biological sciences					Sub- total	Total
	Pure humanities	Applied humanities	Pure social sciences	Applied social sciences	Sub- total	Pure biol. sciences	Applied biol. sciences	Pure phys. sciences	Applied phys. sciences	Sub- total		
Brock	•	•	•	42	•	•	•	•	•	•	•	•
Carleton	19	•	•	•	104	8	•	•	•	•	42	146
Guelph	1	•	•	4	19	26	31	9	13	7	27	103
Lakehead	1	•	•	•	1	•	•	•	•	•	•	1
Laurentian	•	•	•	•	•	•	•	•	•	•	•	•
McMaster	36	•	68	•	104	2	•	29	39	•	•	174
Ottawa	18	•	35	22	155	1	•	13	27	•	•	182
Queen's	44	36	53	33	86	17	3	31	28	•	79	165
R.M.C.	•	•	•	•	•	•	•	5	•	•	5	5
Toronto	248	26	178	392	844	26	40	108	153	•	327	1,171
Trent	•	•	1	•	1	•	•	•	•	•	•	1
Waterloo	19	•	24	11	54	4	•	•	90	•	•	215
Waterloo Luth.	1	•	21	23	23	•	•	•	67	•	•	161
Western	21	•	60	136	217	15	9	30	17	•	71	288
Windsor	18	•	38	9	65	2	•	12	20	•	34	99
York	2	•	14	56	72	•	•	4	•	•	4	76
Total	428	62	519	741	1,750	100	84	315	400	899	2,649	
1968-69												
	Humanities and social sciences					Physical and biological sciences					Sub- total	Total
	Pure humanities	Applied humanities	Pure social sciences	Applied social sciences	Sub- total	Pure biol. sciences	Applied biol. sciences	Pure phys. sciences	Applied phys. sciences	Sub- total		
Brock	•	•	•	•	•	1	•	•	•	•	•	1
Carleton	30	•	46	57	133	5	•	19	20	•	44	177
Guelph	7	•	19	22	48	23	32	5	6	•	66	114
Lakehead	•	•	•	•	•	•	•	1	•	•	1	1
Laurentian	•	•	•	•	•	•	•	•	•	•	•	•
McMaster	44	•	76	99	219	5	•	14	50	•	69	288
Ottawa	47	41	29	96	213	6	•	8	20	•	34	247
Queen's	15	•	36	28	79	19	6	29	30	•	84	163
R.M.C.	•	•	1	•	1	•	•	•	3	•	3	4
Toronto	371	24	161	585	1,141	27	45	104	206	382	1,523	
Trent	•	•	•	•	•	•	•	•	•	•	•	•
Waterloo	28	•	31	•	59	7	•	74	108	•	189	248
Waterloo Luth.	4	•	6	35	45	•	•	•	•	•	•	45
Western	28	48	63	161	300	15	4	27	35	•	81	381
Windsor	19	6	28	20	73	2	•	14	29	•	45	118
York	11	•	27	90	128	4	•	11	•	•	15	143
Total	604	119	523	1,193	2,439	114	87	306	507	1,014	3,453	

Table 11

Bachelor's and first professional degrees granted by Ontario universities, 1967-68 and 1968-69

1967-68									
Total	Humanities and social sciences				Physical and biological sciences				Total
	Pure humanities	Applied humanities	Pure social sciences	Applied social sciences	Pure biol. sciences	Applied biol. sciences	Pure phys. sciences	Applied phys. sciences	
Brock	72	•	9	•	81	•	•	•	93
Carleton	611	40	53	78	782	14	115	49	960
Guelph	176	•	4	77	257	2	28	27	539
Lakehead	143	•	11	171	171	2	25	12	230
Laurentian	277	•	•	8	285	•	40	•	325
McMaster	386	10	358	163	917	19	158	60	1,173
Ottawa	620	160	42	283	1,105	14	54	30	1,324
Queen's	674 ¹	26	•	•	61	•	44	94	1,192
R. M. C.	47	•	14	•	•	•	94	•	199
Toronto	1,636	268	265	296	2,465	51	347	388	3,748
Trent	72	•	12	•	84	4	28	•	116
Waterloo	267	•	23	79	369	9	23	239	871
Waterloo Luth.	651	4	41	44	740	•	48	•	788
Western	1,303	18	87	53	1,461	17	183	53	1,801
Windsor	503	1	22	59	585	2	96	54	803
York	371	•	76	191	638	2	82	•	722
Total									
	7,809	527	1,070	1,461	10,867	147	1,285	1,426	14,884
1968-69									
Total	Humanities and social sciences				Physical and biological sciences				Total
	Pure humanities	Applied humanities	Pure social sciences	Applied social sciences	Pure biol. sciences	Applied biol. sciences	Pure phys. sciences	Applied phys. sciences	
Brock	97	•	20	46	117	4	•	•	136
Carleton	739	54	82	101	921	42	131	60	1,112
Guelph	312	1	59	59	473	•	88	27	831
Lakehead	200	•	17	•	217	2	47	•	298
Laurentian	307	•	7	17	331	1	40	•	372
McMaster	802	•	105	17	924	9	151	62	1,174
Ottawa	530	73	46	309	958	6	141	59	1,276
Queen's	786	15	68	302	1,171	11	61	230	1,588
R. M. C.	42	•	5	•	47	•	5	107	159
Toronto	1,809	288	295	285	2,677	57	431	378	4,076
Trent	114	•	25	•	139	2	42	•	183
Waterloo	334	•	44	42	420	5	293	314	1,053
Waterloo Luth.	718	•	26	46	796	•	34	•	830
Western	1,411	7	97	163	1,678	29	129	55	2,029
Windsor	574	2	62	67	667	1	83	61	840
York	798	•	160	958	958	•	•	•	1,019
Total									
	9,573	446	925	1,550	12,494	169	1,752	1,353	16,976

¹ Includes Bachelor of Science degrees.

Table 10
Enrolment at church-related institutions, full time and part time, projected for 1970-71

	By registration		By teaching service ¹	
	Full time equivalent of part time ²	Full time equivalent	Full time equivalent of part time ³	Total eligible FTE
Laurentian-College de Hearst	63	152	63	152.0
Laurentian-Huntington	241	241	8	28.0
Laurentian-Thorneloe	150	150	8	10.0
Laurentian-U. of Sudbury	591	591	130	219.0
McMaster-Divinity College	30	32	30	32.0
Ottawa-St. Augustine's	•	•	•	•
Ottawa-St. Paul University	600	600	600	600.0
Queen's-Theological College	39	42	39	41.5
Toronto-St. Michael's	2,132	2,136	859	863.0
Toronto-Trinity	771	775	312	316.0
Toronto-Victoria	2,499	2,508	836	845.0
Toronto-Wycliffe	48	59	48	59.0
Toronto-Knox	11	50	44	50.0
Waterloo-Conrad Grebel	•	•	65	65.0
Waterloo-St. Paul's	•	•	9	9.0
Waterloo-Rensselaer	124	124	124	124.0
Waterloo-St. Jerome	399	435	399	435.3
Western-Brescia	336	337	282	263.0
Western-Huron	552	554	394	396.0
Western-Kings	640	645	521	474.0
Regis College	102	102	102	102.0
Waterloo Lutheran	2,750	4,318	2,750	4,317.5
Total	12,111	13,851	7,623	9,401.3

¹ See Table 25.

² These totals are included in the total provincial enrolments in Table 2.

³ Full time equivalent of part time enrolment is calculated for undergraduates by dividing total course registrations by six; FTE for graduates is calculated by multiplying actual student numbers by .30.

Table 21
Some staff/student analytic ratios at provincially assisted universities, 1968-69 and anticipated 1969-70
Staff statistics¹ and ratios²

1968-69		Staff		Ratios	
	Full-time staff	Full-time staff	Full-time staff	Full-time staff	Full-time staff
	FTE staff	FTE staff	FTE staff	FTE staff	FTE staff
Brock	92	108.0	1:12.2	1:12.2	1:13.6
Carleton	367	455.8	1:16.3	1:16.3	1:17.3
Guelph	426	478.5	1:12.1	1:11.0	1:14.8
Lakehead	146	169.8	1:13.7	1:14.3	1:17.5
Laurentian	127	150.1	1:11.0	1:12.4	1:12.9
Algoma	11	12.7	1:9.8	1:21.7	1:16.7
Nipissing	9	11.3	1:6.0	1:12.5	1:12.8
McMaster	473	604.2	1:13.3	1:12.2	1:13.9
Ottawa	527	637.1	1:11.7	1:12.4	1:14.1
Queens	528	638.7	1:12.8	1:12.0	1:15.1
Toronto	1,598	2,049.6	1:11.7	1:10.2	1:12.7
Scarborough	106	139.2	1:13.6	1:11.5	1:8.8
Erindale	49	63.9	1:9.3	1:8.4	1:6.4
Trent	96	102.2	1:11.2	1:13.4	1:16.4
Waterloo	438	551.9	1:15.9	1:13.1	1:13.3
Western	665	707.8	1:13.5	1:14.3	1:14.7
Windsor	298	363.9	1:14.1	1:14.3	1:14.1
York	471	525.6	1:12.6	1:14.4	1:15.1
Total	6,427	7,770.3	1:12.9	1:12.4	1:12.3
1969-70 ¹					
Brock	121	142.2	1:13.6	1:13.9	1:16.3
Carleton	420	521.3	1:17.0	1:17.3	1:23.3
Guelph	508	550.5	1:11.7	1:11.0	1:24.1
Lakehead	168	197.4	1:14.1	1:14.8	1:17.5
Laurentian	160	193.0	1:10.3	1:11.2	1:12.9
Algoma	11	15.5	1:12.8	1:26.6	1:18.1
Nipissing	9	11.2	1:8.1	1:16.7	1:8.1
McMaster	527	676.7	1:13.1	1:12.0	1:24.5
Ottawa	659	813.5	1:10.1	1:10.4	1:18.7
Queens	632	735.8	1:11.6	1:11.3	1:22.6
Toronto	1,708	2,209.7	1:11.5	1:9.9	1:25.7
Scarborough	124	160.8	1:14.8	1:12.7	1:17.8
Erindale	88	114.3	1:10.2	1:8.8	1:12.3
Trent	98	105.3	1:13.1	1:13.6	1:16.4
Waterloo	542	681.3	1:16.1	1:13.3	1:13.5
Western	754	798.3	1:13.9	1:14.7	1:25.3
Windsor	375	458.6	1:13.4	1:14.1	1:19.9
York	584	638.8	1:13.3	1:15.1	1:19.1
Total	7,488	9,204.2	1:12.9	1:12.3	1:23.1

1. Includes medical staff. F.T.E. of part-time is calculated by dividing salaries paid to part-time staff (including graduate students) by the average salary for full-time teaching staff at each university.
2. Ratios are calculated using enrollment figures based on teaching service performed.
3. The University of Guelph operates on a three-semester basis. An alternative method of calculating staff/student ratios would be to use annual F.T.E. enrollment rather than fall term enrollment. This would give a full-time staff/student ratio of 1:1.1 in 1968-69 and 1:1.29 in 1969-70. (F.T.E. staff/student ratios for 1969-70 are based on estimated data submitted in October, 1969, and thus are subject to revision.)

Table 22

Calculation of weighted enrolment for the provincially assisted universities, 1969-70

	Total full time enrolment ¹	FTE enrolment for Guelph and Waterloo ²	Eligible BUs ³	Part time enrolment	FTE of graduate school ⁴	Total FTE enrolment	Total eligible BUs ⁵
Brook	1,651	•	1,968.0	1,717	324.7	1,975.7	2,319.0
Carleton	7,138	•	9,779.5	8,471	1,835.9	8,992.9	11,920.3
Guelph	5,922	6,533	12,240.5	454	126.6	8,992.9	11,920.3
Lakehead	2,363	•	2,938.5	2,517	552.6	2,915.6	3,552.5
Laurentian	1,643	•	2,065.5	2,514	508.5	2,151.5	2,601.8
Algoma	141	•	141.0	1,193	270.5	2,151.5	2,601.8
Nipissing	73	•	73.0	530	114.0	187.0	187.0
McMaster	6,929	•	12,919.8	5,053	1,117.5	8,090.5	14,305.3
Ottawa	6,662	•	12,334.7	6,262	1,737.0	8,465.0	14,305.3
Queens	7,300	•	14,253.0	4,449	988.7	8,288.7	15,485.0
Toronto	19,638	•	43,879.2	9,068	2,248.7	21,973.7	47,361.2
Scarborough	1,832	•	2,198.4	1,066	208.2	2,400.2	2,448.2
Ethiada	906	•	1,087.2	596	102.3	1,008.3	1,213.2
Trent	1,287	•	1,602.5	717	143.9	1,430.9	1,758.3
Waterloo	10,224 ⁴	9,474	18,143.0	1,638	345.6	9,819.6	18,759.8
Western	10,504	•	19,097.0	5,674	1,257.6	11,761.6	20,769.5
Windsor	5,020	•	7,449.3	5,860	1,462.1	6,500.1	9,124.5
York	7,748	•	11,157.7	8,169	1,909.8	9,717.8	13,630.0
Total	96,981 ⁵	96,842 ⁶	173,327.8	65,948	15,254.2	112,390.2	192,966.47

¹Based on teaching service performed.²Enrolment at the universities of Guelph and Waterloo is adjusted to account for the trimester and cooperative operations at these institutions. The FTE figure is derived by summing enrolment in the three terms of co-operative and trimester programs and dividing by two. The BU figure is calculated on this adjusted FTE enrolment figure.³The full-time equivalent of graduate summer school enrolment is calculated by multiplying actual student numbers by .30.⁴Includes off-campus registration of 1,498 undergraduate students.⁵Units.⁶This represents the total full-time enrolment as adjusted by the FTE Guelph and Waterloo enrolment figures.⁷See Table 26 for calculation of operating grants.

Table 24

Comparison of undergraduate enrolment statistics by institution of registration and by teaching service performed,*1969-70

By institution of registration	FTE of		FTE of	
	Full time	part time	Full time	part time
Based on net teaching service performed				
Brock	1,633	324.7	1,633	324.7
Carleton	6,506	1,702.9	6,506	1,702.9
Guelph ¹	5,380	115.6	5,380	115.6
Lakehead	2,321	541.6	2,321	541.6
*Laurentian	832	601.6	1,638	508.5
Colège de Hearst	44	57.0	44	57.0
Huntington	236	17.5	8	17.5
Thorneloe	142	7	1.3	7
U. of Sudbury	563	•	120	74.3
Sub-total	1,817	658.6	1,817	658.6
Algoma	141	270.5	141	270.5
Nipissing	73	114.0	73	114.0
McMaster	5,866	965.5	5,866	965.5
Divinity College	27	•	27	•
Ottawa	5,777	1,557.0	5,777	1,557.0
St. Augustine's	72	•	72	•
St. Paul	345	•	345	•
Queens	6,367	915.7	6,367	915.7
Theological College	38	2.0	38	2.0
Toronto	12,197	1,831.7	15,668	1,831.7
St. Michael's	2,124	•	826	•
Trinity	743	•	275	•
Victoria	2,511	2.3	788	2.3
Knox	49	1.7	49	1.7
Wycliffe	36	1.7	36	1.7
Sub-total	17,660	17,660	17,660	17,660
Scarborough	1,832	208.2	1,832	208.2
Erindale	906	102.3	906	102.3
Trent	1,282	143.6	1,282	143.6
*Waterloo ²	8,952	275.6	8,953	273.6
Conrad Grebel	•	•	53	14.7
St. Paul's College	•	•	7	•
Rensselaer	88	1.0	79	3.5
St. Jerome's	352	57.0	300	41.8
Sub-total	9,392	333.6	9,392	333.6

*Western	8,830	1,171.8	9,056	1,171.6
Brescia	307	2.2	232	2.3
Huron	534	2.1	377	2.3
King's	505	7.7	491	7.7
Sub-total	10,176	1,183.8	10,176	1,183.8
Windsor	4,638	1,428.1	4,638	1,428.1
York	7,174	1,713.8	7,174	1,713.8
OCA	1,027	•	1,027	•
Regis College	93	•	93	•
Waterloo Lutheran	2,665	1,152.0	2,665	1,512.0
Total ⁴	93,208	15,632.2	93,208	15,632.2

¹Full term enrolment.
²Full term, including off-campus registration of 1,498 students.
³It should be noted that, for the University of Waterloo, enrolment in terms of teaching service performed is usually associated with the FTE enrolment, i.e. enrolment adjusted to reflect the co-operative system, rather than with full term enrolment.
⁴Includes enrolment in non-degree programs.
 *At some universities with affiliated or federated colleges, students may register at one college but receive instruction at another. Enrolment on the basis of teaching service performed reflects the teaching load carried by the particular college or university. Formula operating grants are calculated on this basis. Sub-totals include only those institutions to which teaching service applies.
 For purposes of comparison:
 Cf. TABLE 2—FULL TIME ENROLMENT 1969-70
 Total full time enrolment
 Less: Full time graduate
 105,235
 12,027
 93,208
 Total full time undergraduate
 (including non-degree)
 Cf. TABLE 7—PART TIME ENROLMENT 1969-70
 F.T.E. part time undergraduate
 15,632.2

Table 25

Comparison of undergraduate enrolment statistics by institution of registration and by teaching service performed,* projected for 1970-71

Institution	By institution of registration		Based on net teaching service performed		FTE of Full time part time	
	Full time	part time	Full time	part time	Full time	part time
Brook	2,039	323.2	2,039	323.2	2,039	323.2
Cartleton	7,582	1,800.8	7,582	1,800.8	7,582	1,800.8
Guelph ¹	5,912	62.0	5,912	62.0	5,912	62.0
Lakehead	2,694	577.0	2,694	577.0	2,694	577.0
*Laurentian	1,198	702.0	2,034	591.0	2,034	591.0
Collège de Hearst	63	89.0	63	89.0	63	89.0
Huntingdon	241	•	8	20.0	8	20.0
Thorneloe	150	•	8	2.0	8	2.0
U. of Sudbury	591	•	130	89.0	130	89.0
Sub-total	2,243	791.0	2,243	791.0	2,243	791.0
Algoma	200	250.0	200	250.0	200	250.0
McMaster	100	150.0	100	150.0	100	150.0
Nipissing	6,470	1,019.3	6,470	1,019.3	6,470	1,019.3
Divinity College	30	2.0	30	2.0	30	2.0
Ottawa	6,210	1,365.8	6,210	1,365.8	6,210	1,365.8
St. Augustine's	•	•	•	•	•	•
St. Paul	425	•	425	•	425	•
Queen's	6,644	934.0	6,644	934.0	6,644	934.0
Theological College	39	2.5	39	2.5	39	2.5
Toronto	12,377	1,826.2	15,772	1,826.2	15,772	1,826.2
St. Michael's	7,061	2.0	788	2.0	788	2.0
Trinity	2,488	3.0	825	3.0	825	3.0
Victoria	46	2.0	46	2.0	46	2.0
Knox	42	2.0	42	2.0	42	2.0
Wycliffe	17,779	1,836.2	17,779	1,836.2	17,779	1,836.2
Scarborough	1,700	283.3	1,700	283.3	1,700	283.3
Erindale	1,500	100.0	1,500	100.0	1,500	100.0
Trent	1,540	175.0	1,540	175.0	1,540	175.0
*Waterloo ²	10,087	163.5	10,013	163.5	10,013	163.5
Conrad Grebel	•	•	65	•	65	•
St. Paul's College	•	•	9	•	9	•
Renison	124	•	124	•	124	•
St. Jerome's	199	36.3	199	36.3	199	36.3
Sub-total	10,610	199.8	10,610	199.8	10,610	199.8

*Western	10,238	1,205.0	10,569	1,205.0	10,569	1,205.0
Brescia	336	1.0	282	1.0	282	1.0
Huron	552	2.0	394	2.0	394	2.0
King's	640	5.0	521	5.0	521	5.0
Sub-total	11,766	1,213.0	11,766	1,213.0	11,766	1,213.0
Windsor	5,300	1,644.7	5,300	1,644.7	5,300	1,644.7
York	8,725	2,163.0	8,725	2,163.0	8,725	2,163.0
OCA	1,050	•	1,050	•	1,050	•
Regis College	92	•	92	•	92	•
Waterloo Lutheran	2,670	1,557.5	2,670	1,557.5	2,670	1,557.5
Total ⁴	103,320	16,450.1	103,320	16,450.1	103,320	16,450.1

¹ Fall term enrolment.

² Fall term, including off-campus registration of 1,900 students.

³ It should be noted that, for the University of Waterloo, enrolment in terms of teaching service performed is usually associated with the FTE enrolment, i.e. enrolment adjusted to reflect the co-operative system,

rather than with fall term enrolment.

⁴ Includes enrolment in non-degree programs.

* At some universities with affiliated or federated colleges, students may register at one college but receive instruction at another. Enrolment on the basis of teaching service performed reflects the teaching load

carried by the particular college or university. Formula operating grants are calculated on this basis. Sub-totals include only those institutions to which teaching service applies.

For purposes of comparison:

Cf. TABLE 2—FULL TIME ENROLMENT 1970-71

Total full time enrolment

Less: Full time graduate

116,821

13,501

103,320

Total full time undergraduate

(including non-degree)

103,320

16,450.1

16,450.1

16,450.1

16,450.1

16,450.1

16,450.1

16,450.1

16,450.1

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16,450.1

16,450.1

16,450.1

Table 27
Operating grants¹ projected for 1970-71

	Brock	2,854.0	\$ 4,709,100	\$ 1,101,773	\$ 3,607,727	\$ 1,541,867	.	\$ 41,275	\$ 5,190,869	Total operating grants
	Cartleton	13,596.0	22,433,400	4,894,621	17,538,779	300,000	.	148,050	19,611,265	Municipal grants
	Guelph ⁶	13,720.6	22,638,990	3,475,775	19,163,215	1,130,065	\$ 557,000	63,625	7,037,690	Taxation grants
	Lakehead	4,101.5	6,767,475	1,480,410	5,287,065	1,364,947	.	41,075	5,386,590	Grants for education
	Laurentian	3,390.0	5,593,500	1,612,932	3,980,568	535,150	.	3,525	538,675	Current programs
	Aldoma	457.5	754,875	219,725	535,150	.	.	1,825	294,325	
	Nipissing	250.0	412,500	120,000	292,500	1,800,000	.	.	173,225	
	McMaster	15,973.0	26,355,450	4,154,052	22,201,398	1,500,000	2,108,600	180,000	24,171,623	
	Ottawa	16,545.9	25,569,885	4,049,321	21,520,564	1,500,000	2,108,600	180,000	25,309,164	
	Queen's	16,545.9	27,299,250	4,145,717	22,153,533	.	1,006,900	187,950	24,348,383	
	Toronto	49,877.2	82,297,380	10,236,216	72,061,164	779,700	5,482,000	537,850	78,860,722	
	Scarborough	2,379.6	3,926,340	951,840	2,974,500	770,422	45,800	3,750,772	3,449,082	
	Erieandale	1,920.0	3,168,000	768,000	2,400,000	1,026,432	22,650	3,449,082	3,492,130	
	Trent	2,064.8	3,406,920	830,658	2,576,262	1,883,693	.	32,175	4,922,130	
	Waterloo ⁶	20,520.0	33,858,000	5,203,946	28,654,054	.	.	218,125	28,872,179	
	Western	23,918.2	39,465,030	6,395,612	33,069,418	.	2,443,000	35,791,550	35,791,568	
	Windsor	17,370.0	17,110,500	3,548,966	13,561,534	100,000	.	125,500	13,787,034	
	New York	12,217.0	28,408,050	5,731,407	22,676,643	.	.	193,700	22,870,343	
	Sub-total	214,651.3	\$354,174,645	\$58,920,571	\$295,254,074	\$12,157,061	\$11,597,500	\$2,473,950	\$321,482,885	
	Warwick Lutheran ⁷	2,481.05	4,093,732	1,020,625	3,073,107	.	.	.	3,073,107	
	Other church related ⁸	2,762.05	4,557,383	1,130,782	3,426,601	120,000	25,675	3,546,601	3,546,601	
	O.C.A.	.	.	.	.	325,000	325,000	.	325,000	
	Bar Admission	.	.	.	.	.	.	.	.
	Sub-total	219,894.4	\$362,825,760	\$61,071,978	\$301,753,782	\$13,482,061	\$11,597,500	\$2,499,625	\$329,332,968	
	Art Gallery	.	.	.	.	610,000	.	.	610,000	
	Royal Botanical Gardens	.	.	.	.	220,000	.	.	220,000	
	Royal Ontario Museum	.	.	.	.	3,625,000	.	.	3,625,000	
	Misc. grants	.	.	.	.	56,000	.	.	56,000	
	Debutante repayment	.	.	.	.	43,784,946	.	.	43,784,946	
	Research grants	.	.	.	.	750,000	.	.	750,000	
	Sub-total	219,894.4	\$362,825,760	\$61,071,978	\$301,753,782	\$62,528,007	.	\$2,499,625	\$378,378,914	
	Unapportioned ⁹	.	.	.	.	15,054.10	781,500	375	797,086	
	Total	219,894.4	\$362,825,760	\$61,071,978	\$301,753,939	\$62,543,061	\$12,379,000	\$2,500,000	\$379,176,000	

1 A description of the formula, including details of the weighting of individual programs, may be obtained from the Department of University Affairs.
 2 Basic operating income is derived by multiplying the number of basic income units (see Table 23) by the value of the basic income unit, \$1,650 in 1970-71.
 3 Formula fees for the various programs of study are calculated on the median of the actual tuition fees in effect.
 4 Additional grants include additional grants for emerging universities, bilingualism, trimester at Guelph, major new programs (health sciences at McMaster), low at Windsor) and other extra-formula items recommended by the Committee on University Affairs.
 5 Due to the trimester and co-operative programs of study at Guelph and Waterloo respectively, there will be adjustments to the grants shown above based on the spring semester enrolment.
 6 Waterloo Lutheran University shown are on the 50% basis of support. The additional grant was to bring the operating grant up to the guaranteed level allocation. The calculations shown are on the 50% basis of support. The additional grant was to bring the operating grant up to the guaranteed level.
 7 See Table 29 for separate distribution of grants to church related institutions.
 8 Rounding off and unapportioned funds.
 9 Unapportioned debt service repayment.

Table 28

Operating revenue at provincially assisted universities, 1968-69 and 1969-70 (estimated)

	1968-69	Gifts for operating purposes in \$000's	Endowment income in \$000's	Other income in \$000's	Sub-total in \$000's	Provincial grants in \$000's	Total income in \$000's
Brook	754	27	.	121	902	3,355	4,257
Carleton	3,726	66	.	278	4,070	11,337	15,407
Guelph	2,713	129	.	394	3,236	13,589	16,825
Lakehead	1,187	.	.	98	1,285	4,468	5,753
Laurentian	1,265	25	.	386	1,676	3,870	5,546
McMaster	4,134	24	150	1,615	5,923	17,434	23,357
Ottawa	4,032	95	.	1,972	6,119	18,044	24,163
Queen's	4,312	291	46	159	4,808	16,535	21,343
Toronto	10,884	127	550	3,153	14,714	62,300	77,014
Trent	585	66	15	39	705	3,127	3,832
Waterloo	4,238	409	.	1,491	5,763	19,356	25,119
Western	5,260	52	236	3,576	9,481	20,729	30,210
Windsor	2,998	52	.	104	3,154	8,648	11,802
York	4,428	45	53	269	4,795	12,274	17,069
Total	50,536	1,390	1,050	13,655	66,631	215,066	281,697
Brook	1,092	.	.	24	1,116	4,793	5,909
Carleton	4,427	72	.	348	4,847	14,269	19,116
Guelph	3,144	125	.	281	3,550	16,545	20,095
Lakehead	1,485	.	.	25	1,510	5,588	7,098
Laurentian	1,502	18	.	411	1,931	4,959	6,890
McMaster	4,268	25	140	1,455	5,888	20,355	26,243
Ottawa	4,309	97	.	361	4,767	20,603	25,370
Queen's	4,675	342	243	215	5,475	20,140	25,615
Toronto	11,553	345	537	3,644	16,079	70,869	86,948
Trent	733	56	14	45	848	3,804	4,652
Waterloo	5,070	10	.	1,378	6,458	24,470	30,928
Western	5,932	468	35	1,674	8,109	27,318	35,427
Windsor	3,618	.	.	101	3,719	11,279	14,998
York	5,699	100	100	50	5,949	16,753	22,702
Total	57,507	1,658	1,069	10,012	70,246	261,745	331,991

Table 29
Grants to church-related institutions, 1969-70 and projected for 1970-71

	1969-70	1970-71	1969-70	1970-71	1969-70	1970-71	1969-70	1970-71	1969-70	1970-71	Operating Grant	1970-71
Laurentian	101.0	152.0	101.0	152.0	101.0	152.0	101.0	152.0	\$ 53,025	\$ 53,025	\$ 88,930	\$ 88,930
College de Hearst	25.5	28.0	25.5	28.0	25.5	28.0	25.5	28.0	22,328	22,328	17,730	17,730
Huntington University	8.3	10.0	8.3	10.0	8.3	10.0	8.3	10.0	7,334	7,334	5,850	5,850
Thorneloe	194.3	219.0	194.3	219.0	194.3	219.0	194.3	219.0	102,007	102,007	128,115	128,115
U. of Sudbury	27.0	32.0	27.0	32.0	27.0	32.0	27.0	32.0	21,073	21,073	21,073	21,073
McMaster	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	85,931	85,931	65,428	65,428
St. Augustine's	503.0	600.0	503.0	600.0	503.0	600.0	503.0	600.0	264,083	264,083	292,188	292,188
St. Paul	40.0	41.5	40.0	41.5	40.0	41.5	40.0	41.5	27,724	27,724	27,724	27,724
Queens	875.8	863.0	814.8	863.0	863.0	863.0	959.0	1,012.5	568,824	568,824	631,236	631,236
St. Michael's	284.5	316.0	284.5	316.0	316.0	316.0	333.9	374.2	191,939	191,939	233,600	233,600
Trinity	809.3	845.0	809.3	845.0	845.0	845.0	964.2	1,007.4	558,168	558,168	635,420	635,420
Victoria	61.7	59.0	61.7	59.0	59.0	59.0	61.7	59.0	33,126	33,126	35,175	35,175
Knox	43.7	50.0	43.7	50.0	50.0	50.0	43.7	50.0	24,951	24,951	30,100	30,100
Wycliffe	67.7	65.0	67.7	65.0	65.0	65.0	80.6	75.0	45,256	45,256	46,275	46,275
Conrad Grebel	7.0	9.0	7.0	9.0	9.0	9.0	8.5	10.0	4,818	4,818	6,090	6,090
St. Paul's	82.5	124.0	82.5	124.0	124.0	124.0	93.5	143.0	51,667	51,667	88,178	88,178
Renison	341.8	435.3	341.8	435.3	435.3	435.3	391.9	505.0	217,498	217,498	312,047	312,047
St. Jerome's	254.2	283.0	232.2	283.0	263.0	263.0	340.5	383.0	204,987	204,987	249,205	249,205
Western	379.3	396.0	379.3	396.0	396.0	396.0	391.2	411.0	208,858	208,858	244,915	244,915
Huron	498.7	526.0	480.0	526.0	474.0	474.0	498.9	484.5	268,026	268,026	287,740	287,740
King's	100.0	102.0	100.0	102.0	102.0	102.0	99.3	102.0	54,302	54,302	61,600	61,600
Regis College	4,234.0	4,317.5	4,227.0	4,317.5	4,317.5	4,317.5	4,732.3	4,962.1	2,608,374	2,608,374	3,073,107	3,073,107
Waterloo Lutheran	9,011.3	9,473.3	8,902.6	9,401.3	9,970.3	4,985.15	10,486.2	5,243.1	\$5,624,319	\$5,624,319	\$6,581,726	\$6,581,726
Total @ 100%												
Total @ 50%												

¹Based on teaching service performed.
²Projected enrolment for 1970-71 is 63 full-time undergraduate theology students. This information was not received in time for inclusion in official enrolment statistics.

Table 30

Programs in education: enrolment¹ and grants for 1969-70 and projected for 1970-71

Enrolment		Part		Regular summer		Total		Approved budget		Grant	
1969-70		time		and		Total		1970-71 ⁴			
Lakeland		182		350		532		\$ 527,854		\$ 414,000	
Ottawa		538		1,426		1,964		2,457,144		2,379,277	
Queen's		218		1,144		1,362		1,772,000		1,660,000	
Toronto ²		1,876		5,682		7,558		5,920,700		4,820,000	
Western		662		1,543 ³		2,205		2,953,000		2,080,000	
Total		3,476		10,145		13,621		\$13,630,698		\$11,353,277	

Lakeland		300		650		950		\$ 800,000		\$ 557,000	
Ottawa		602		1,725		2,327		2,700,000		2,108,600	
Queen's		300		964		1,264		2,014,500		1,006,900	
Toronto ²		1,550		5,600		7,150		5,875,000		5,482,000	
Western		800		1,073		1,873		3,060,000		2,443,000	
Total		3,552		10,012		13,564		\$14,449,500		\$11,597,500	

¹These figures are not included in total provincial enrolment.

²Figures for the University of Toronto do not include students enrolled in the Ontario Institute for Studies in Education.

³Includes 762 summer students.

⁴The program in education at the University of Windsor will be financed through the Department of University Affairs in 1970-71. These arrangements have yet to be concluded.

Table 31
Principal and interest repayments on debentures¹, 1969-70 and projected for 1970-71

	1969-70 Actual		1970-71 Projected	
	Principal	Interest	Principal	Interest
Brook	\$ 185,517.01	\$ 799,261.58	\$ 220,515.51	\$ 992,894.69
Carlton	495,840.28	2,522,518.20	579,815.46	2,450,575.11
Guelph	541,730.91	2,446,190.43	634,977.67	2,917,634.84
Lakehead	230,859.42	1,124,423.81	1,573,546.10	912,843.07
Laurentian	169,925.64	770,524.24	701,314.42	3,708,318.89
McMaster	489,984.12	2,097,639.70	411,643.91	1,819,007.42
Ottawa	325,239.84	1,198,778.75	1,524,018.59	1,819,007.42
Queen's	319,656.13	1,349,147.99	407,105.22	1,923,183.73
Toronto	1,118,576.30	4,427,594.68	1,393,121.59	6,291,091.32
Trent	255,938.45	1,177,187.04	280,619.63	1,238,247.49
Waterloo	767,329.78	3,025,312.82	871,105.55	3,492,762.76
Western	400,850.31	1,660,332.82	471,799.46	2,035,011.38
Windsor	313,688.51	1,209,685.22	382,206.07	1,631,439.08
York	881,993.32	3,534,781.98	1,102,372.79	4,839,949.59
Total	\$6,497,130.02	\$26,847,538.98	\$7,958,440.31	\$35,826,505.47
		\$33,344,669.00		\$43,784,945.78

¹Debitures are purchased through the Ontario Universities Capital Aid Corporation. This procedure is outlined on p. 14 of the annual report of the Department of University Affairs for 1968-69.

Table 32

Capital assistance 1969-70

1969-70	1969-70 Health sciences facilities				Total
	Excluding health sciences facilities	O.U.C.A.C.	D.U.A. share	O.H.S.C. share	
	\$2,620,000	.	.	.	Brook
	5,880,000	.	.	.	Carlton
	6,525,000	.	.	.	Guelph
	6,015,000	.	.	.	Lakehead
	2,060,000	.	.	.	Laurentian
	7,481,000	\$13,044,000	\$1,183,000	\$5,974,000	McMaster
	7,815,000	45,000	67,000		Ottawa
	6,643,000	897,000	1,025,000		Queens
	11,706,000	4,779,000	5,121,000		Toronto
	550,000	.	.	.	Scarborough
	6,905,000	.	.	.	Erindale
	990,000	.	.	.	Trent
	6,530,000	.	.	.	Waterloo
	4,887,000	238,000	238,000	.	Western
	5,575,000	.	.	.	Windsor
	17,815,000	.	.	.	York
	\$99,997,000	\$19,003,000	\$7,634,000	\$5,974,000	Total

Table 33

Capital allocation for 1970-71

1969-70	1970-71 Health sciences in the budget of the Ontario Department of Health, hence no figures for				Total
	For capital projects with approvals as at 31 March/70, up to:	Additional provision for interim capital formula entitlement, up to:	Additional provision for essential non-formula capital projects, up to:		
	\$ 196,000	\$ 1,613,000	\$ 100,000	\$	Brook
	2,292,000	2,726,000	600,000	5,618,000	Carlton
	45,000	.	1,000,000	1,045,000	Lakehead
	444,000	1,022,000	300,000	1,766,000	Laurentian
	585,000	874,000	400,000	1,859,000	McMaster
	7,839,000	1,531,000	300,000	9,670,000	Ottawa
	8,448,000	4,362,000	2,700,000	15,510,000	Queens
	7,161,000	269,000	1,200,000	8,630,000	Toronto
	16,983,000	.	1,000,000	17,983,000	Scarborough
	.	2,078,000	.	2,078,000	Erindale
	5,080,000	1,469,000	100,000	6,649,000	Trent
	413,000	793,000	300,000	1,506,000	Waterloo
	1,149,000	3,873,000	1,000,000	6,022,000	Western
	7,120,000	3,971,000	600,000	11,691,000	Windsor
	3,374,000	1,567,000	900,000	5,841,000	York
	9,961,000	601,000	2,000,000	12,562,000	Total
	\$ 171,090,000	\$ 26,749,000	\$ 12,500,000	\$ 110,339,000	

The provincial budgetary appropriation for health sciences in 1970-71 was included in the budget of the Ontario Department of Health, hence no figures for health sciences appear in this table.

Table 34
Ontario Student Awards Program 1969-70
As of March 31, 1970.

Universities and colleges	No. of loans	Value	Average loan per student	No. of grants	Value	Average grant per student	Average award per student
Bar Admission	230	\$ 128,255	\$558	223	\$ 160,000	\$717	\$1,253
Brook	792	401,530	507	766	343,955	449	941
Carleton	2,345	1,325,168	565	2,220	1,407,742	634	1,165
Guelph	3,941	2,232,670	567	3,905	2,588,199	663	1,223
Lakehead	1,329	736,015	554	1,300	892,000	686	1,225
Laurentian	1,336	742,285	556	1,309	834,070	637	1,180
McMaster	2,573	1,323,495	514	2,468	1,174,900	476	971
Ont. College of Art	468	246,965	528	447	239,949	537	1,040
Ottawa	1,678	989,275	590	1,551	1,040,805	671	1,210
Queen's	2,484	1,384,325	557	2,419	1,572,595	650	1,190
Royal Military College	2	645	323	2	230	115	438
Trent	8,359	4,414,005	528	7,939	4,158,350	524	1,026
Waterloo	4,114	2,201,710	535	3,939	1,952,350	496	1,010
Waterloo Lutheran	1,405	764,960	544	1,381	746,085	540	1,075
Western	4,741	2,551,355	538	4,573	2,479,855	542	1,061
Windsor	2,445	1,393,410	570	2,368	1,570,295	663	1,212
York	2,964	1,617,265	546	2,863	1,645,380	575	1,101
Sub-total	41,839	\$22,797,823	\$545	40,298	\$23,187,230	\$575	\$1,099
Teachers' colleges	218	\$ 100,400	\$461	198	\$ 78,695	\$397	\$ 822
Hamilton	1	170	170	1	120	120	290
Lakehead	1	170	170	1	120	120	290
Lakeshore	198	94,020	475	186	75,995	409	859
London	223	105,070	471	213	71,510	336	792
North Bay	298	154,255	518	287	123,930	432	934
Ottawa	321	171,970	536	304	119,540	393	908
Peterborough	170	83,278	490	157	52,210	333	797
St. Catharines	77	36,815	478	75	30,770	410	878
Stratford	139	65,295	470	129	34,260	266	716
Sudbury	108	55,975	518	106	30,950	292	805
Toronto	347	173,100	499	324	124,540	384	858
Univ. of Ottawa TC	130	75,150	578	130	55,775	429	1,007
Windsor	110	54,080	492	109	39,560	363	851
Sub-total	2,340	\$ 1,169,578	\$500	2,219	\$ 837,855	\$378	\$ 858

Table 34 (continued)

CAATS	No. of loans	Value	Average loan per student	No. of grants	Value	Average grant per student	Average award per student
Algonquin	931	\$ 440,975	\$474	882	\$ 265,160	\$301	\$ 758
Cambrian - North Bay	212	109,065	514	198	67,715	342	834
- Sudbury	396	203,700	514	394	168,670	428	940
- Sault Ste Marie	323	167,735	519	314	126,615	403	911
Centennial	748	391,070	523	723	331,770	459	966
Conestoga	392	200,305	511	378	182,515	483	977
Confederation	314	152,195	485	312	117,410	376	859
Durham	82	37,593	458	79	27,530	348	794
Fanshawe	496	243,260	490	478	161,215	337	815
George Brown	225	119,115	529	214	115,770	541	1,044
Georgian	191	97,985	513	191	65,170	341	854
Humber	372	169,914	457	358	96,841	270	717
Lambton	133	64,225	482	127	42,405	334	802
Loyalist	167	75,655	453	163	45,865	281	728
Mohawk	581	265,643	457	570	163,870	287	739
Niagara	332	155,485	468	311	104,290	335	782
Northern - Halleybury	66	35,730	541	66	28,550	433	974
- Kirkland Lake	230	127,915	556	229	144,350	630	1,184
- Porcupine	97	49,700	512	93	38,210	411	906
St. Clair	411	181,915	443	389	107,490	276	704
St. Lawrence - Kingston	278	132,145	475	268	89,295	333	797
- Cornwall	267	125,845	470	260	103,090	397	857
Sheridan	430	205,915	479	415	171,480	413	878
Sir Sandford Fleming	436	220,506	506	424	156,717	370	865
Ryerson	2,579	1,366,055	530	2,465	1,213,510	492	1,000
Sub-Total	11,159	\$ 5,580,121	\$500	10,746	\$4,318,138	\$402	\$ 887
Other institutions	476	165,740	348	397	90,025	227	537
Nursing schools	148	58,885	398	141	24,825	176	566
Agricultural schools	649	598,700	922	•	•	•	922
Sub-total	1,273	\$ 823,325	\$647	538	\$ 114,850	\$213	\$ 737
Institutions outside Ontario	115	67,085	583	100	60,115	601	1,106
British Columbia	222	139,060	626	185	125,270	677	1,191
Manitoba	217	124,795	575	184	95,770	520	1,016
New Brunswick	144	85,510	457	135	88,350	654	1,207
Newfoundland	11	5,030	457	10	3,355	336	762
Nova Scotia	369	221,260	600	350	240,890	688	1,252
Prince Edward Island	32	15,665	490	30	13,155	439	901
Quebec	559	327,075	585	500	337,950	676	1,190
Saskatchewan	29	16,190	558	26	10,581	407	923
U. S. A. ¹	1,286	1,185,133	922	•	•	•	922
U. K., Europe, etc. ¹	163	151,080	927	•	•	•	927
Sub-Total	3,147	\$ 2,337,883	\$743	1,520	\$ 975,436	\$642	\$1,053
Total	\$9,758	\$32,708,730	\$547	\$5,321	\$29,433,509	\$532	\$1,040

¹Students attending private institutions, or studying outside Canada, are eligible for loan assistance only under the Canada Student Loans Plan.

Table 35
Ontario Graduate Fellowships 1969-70
Regular academic session

Resident		Non-resident		Total awards		Amount awarded ¹
Humanities & soc. sci.	Sciences & app. sci.	Humanities & soc. sci.	Sciences & app. sci.	Humanities & soc. sci.	Sciences & app. sci.	
•	5	•	•	•	5	\$ 7,500
130	24	12	2	142	24	242,261
55	51	•	•	57	51	155,390
6	1	•	•	6	1	10,500
•	3	•	•	•	3	4,500
149	71	13	5	162	76	348,459
180	37	12	2	192	39	338,000
140	60	24	1	164	61	327,750
691	195	67	8	758	203	1,356,297
•	2	•	1	•	3	4,500
186	94	12	1	198	95	432,250
5	•	•	•	5	•	7,500
180	78	23	3	203	81	410,250
68	18	7	2	75	20	141,750
101	18	8	•	109	18	188,250
1,891	657	180	23	2,071	680	\$3,975,157
Total						

¹ Reflects partial award in some instances.

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Table 36

Ontario Graduate Fellowships: quotas for 1970-71

Table 38
College of Education Fellowships: 1969-70

Humanities & law				Pure & applied science and math.				Total ¹			
soc. sci., lib. sci.				soc. sci., lib. sci.				Total			
Carlton	98	21	119	98	21	119	119	98	21	119	119
Guelph	50	45	95	50	45	95	95	50	45	95	95
McMaster	151	57	208	151	57	208	208	151	57	208	208
Ottawa	206	42	248	206	42	248	248	206	42	248	248
Queen's	137	48	185	137	48	185	185	137	48	185	185
Toronto	638	176	814	638	176	814	814	638	176	814	814
Waterloo	160	81	241	160	81	241	241	160	81	241	241
Western	189	57	246	189	57	246	246	189	57	246	246
Windsor	62	16	78	62	16	78	78	62	16	78	78
York	109	12	121	109	12	121	121	109	12	121	121
Total	1,800	555	2,355	1,800	555	2,355	2,355	1,800	555	2,355	2,355

¹ An additional 25 Fellowships are reserved for students registered in appraised graduate programs at Brock, Lakehead, Laurentian, Trent and Waterloo Lutheran universities.

Table 37
Ontario Graduate Fellowships: summer awards 1969

Number of awards		Amount of awards	
Brock	4	\$	3,000
Carlton	105		78,600
Guelph	95		71,250
Lakehead	8		6,000
Laurentian	•		•
McMaster	258		192,750
Ottawa	184		134,750
Queen's	194		143,807
Toronto	838		623,972
Trent	3		2,250
Waterloo	307		230,150
Waterloo Lutheran	1		750
Western	224		164,311
Windsor	77		57,750
York	94		70,500
Total	2,392	\$1,779,840	

